

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB AVIGNON ORANGE	16053	

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **16053**
 Product name **MB AVIGNON ORANGE** **16053**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
 Full address **Via Gianni Maimeri, 1**
 District and Country **20060 Mediglia (MI) Italia**
 Tel. **+39 02 906981**
 Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maireri.it**

Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY**

1.4. Emergency telephone number

For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB AVIGNON ORANGE	16053
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.**MB AVIGNON ORANGE****16053**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 3 / 6**SECTION 8. Exposure controls/personal protection.****8.1. Control parameters.**

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Appearance	paste
Colour	DEEP ORANGE
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	41,74 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.**10.1. Reactivity.**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.**MB AVIGNON ORANGE****16053**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).

None.

Substances subject to authorisation (Annex XIV REACH).

None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

Healthcare controls.

Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB AVIGNON ORANGE****16053****SECTION 16. Other information. ... / >>**

- 9. Handling Chemical Safety
- 10. Niosh - Registry of Toxic Effects of Chemical Substances
- 11. INRS - Fiche Toxicologique (toxicological sheet)
- 12. Patty - Industrial Hygiene and Toxicology
- 13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- 14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.17 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB CADMIUM ORANGE	16054	

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **16054**
Product name **MB CADMIUM ORANGE** **16054**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI) Italia**
Tel. **+39 02 906981**
Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maireri.it**

Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY**

1.4. Emergency telephone number

For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.17 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB CADMIUM ORANGE	16054
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.**MB CADMIUM ORANGE****16054**Revision nr.17
Dated 18/6/2014
Printed on 18/6/2014
Page n. 3 / 6**SECTION 8. Exposure controls/personal protection.****8.1. Control parameters.**

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Appearance	paste
Colour	orange
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	26,88 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.**10.1. Reactivity.**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.		Revision nr.17 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
MB CADMIUM ORANGE		16054
SECTION 10. Stability and reactivity. ... / >>		
10.5. Incompatible materials. Information not available.		
10.6. Hazardous decomposition products. Information not available.		
SECTION 11. Toxicological information.		
According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.		
11.1. Information on toxicological effects. Information not available.		
SECTION 12. Ecological information.		
Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.		
12.1. Toxicity. Information not available.		
12.2. Persistence and degradability. Information not available.		
12.3. Bioaccumulative potential. Information not available.		
12.4. Mobility in soil. Information not available.		
12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.		
12.6. Other adverse effects. Information not available.		
SECTION 13. Disposal considerations.		
13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.		
SECTION 14. Transport information.		
The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.		
SECTION 15. Regulatory information.		
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.		
<u>Seveso category.</u> None.		
Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. _____ None.		

INDUSTRIA MAIMERI S.P.A.

Revision nr.17
 Dated 18/6/2014
 Printed on 18/6/2014
 Page n. 5 / 6

MB CADMIUM ORANGE**16054****SECTION 15. Regulatory information. ... / >>**

Substances in Candidate List (Art. 59 REACH).
 None.

Substances subject to authorisation (Annex XIV REACH).
 None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
 None.

Substances subject to the Rotterdam Convention:
 None.

Substances subject to the Stockholm Convention:
 None.

Healthcare controls.
 Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
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- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
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- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
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- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

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5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
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INDUSTRIA MAIMERI S.P.A.Revision nr.17
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB CADMIUM ORANGE****16054****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
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14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB CADMIUM YEL.LEMON		16082
Information Sheet		
SECTION 1. Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Code:	16082	
Product name	MB CADMIUM YEL.LEMON	16082
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Intended use	Water colour.	
1.3. Details of the supplier of the safety data sheet		
Name	INDUSTRIA MAIMERI S.P.A.	
Full address	Via Gianni Maimeri, 1	
District and Country	20060 Mediglia	(MI)
	Italia	
	Tel.	+39 02 906981
	Fax	+39 02 90698999
e-mail address of the competent person responsible for the Safety Data Sheet	schedesicurezza@maimeri.it	
Product distribution by	INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY	
1.4. Emergency telephone number		
For urgent inquiries refer to	Australia : 131126 USA: 1 800 222 1222 Regno Unito NHS Direct (UK): +44 (0) 845 46 47	
SECTION 2. Hazards identification.		
2.1. Classification of the substance or mixture.		
The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		
2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.		
Hazard classification and indication:	--	
2.2. Label elements.		
Hazard pictograms:	--	
Signal words:	--	
Hazard statements:	--	
Precautionary statements:	--	
2.3. Other hazards.		
Information not available.		
SECTION 3. Composition/information on ingredients.		
3.1. Substances.		
Information not relevant.		
3.2. Mixtures.		
The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB CADMIUM YEL.LEMON 16082	
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB CADMIUM YEL.LEMON	16082	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	LEMON YELLOW
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	20,47 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
MB CADMIUM YEL.LEMON	16082	
SECTION 10. Stability and reactivity. ... / >>		
<p>10.5. Incompatible materials. Information not available.</p> <p>10.6. Hazardous decomposition products. Information not available.</p>		
SECTION 11. Toxicological information.		
<p>According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.</p> <p>11.1. Information on toxicological effects. Information not available.</p>		
SECTION 12. Ecological information.		
<p>Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.</p> <p>12.1. Toxicity. Information not available.</p> <p>12.2. Persistence and degradability. Information not available.</p> <p>12.3. Bioaccumulative potential. Information not available.</p> <p>12.4. Mobility in soil. Information not available.</p> <p>12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.</p> <p>12.6. Other adverse effects. Information not available.</p>		
SECTION 13. Disposal considerations.		
<p>13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.</p>		
SECTION 14. Transport information.		
<p>The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.</p>		
SECTION 15. Regulatory information.		
<p>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.</p> <p>Seveso category. <u> None.</u></p> <p>Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. <u> None.</u></p>		

INDUSTRIA MAIMERI S.P.A.

Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6

MB CADMIUM YEL.LEMON**16082****SECTION 15. Regulatory information. ... / >>**

Substances in Candidate List (Art. 59 REACH).
None.

Substances subject to authorisation (Annex XIV REACH).
None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.

Substances subject to the Rotterdam Convention:
None.

Substances subject to the Stockholm Convention:
None.

Healthcare controls.
Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB CADMIUM YEL.LEMON****16082****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB CADMIUM YEL.DEEP	16084	

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **16084**
 Product name **MB CADMIUM YEL.DEEP** **16084**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
 Full address **Via Gianni Maimeri, 1**
 District and Country **20060 Mediglia (MI) Italia**
 Tel. **+39 02 906981**
 Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maireri.it**

Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY**

1.4. Emergency telephone number

For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB CADMIUM YEL.DEEP 16084	
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB CADMIUM YEL.DEEP	16084	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	DEEP YELLOW
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	21,44 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.**MB CADMIUM YEL.DEEP****16084**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**MB CADMIUM YEL.DEEP****16084**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.**MB INDIAN YELLOW****16098**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 1 / 6**Information Sheet****SECTION 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**Code: **16098**
Product name **MB INDIAN YELLOW** **16098****1.2. Relevant identified uses of the substance or mixture and uses advised against**Intended use **Water colour.****1.3. Details of the supplier of the safety data sheet**Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI)**
Italia
Tel. **+39 02 906981**
Fax **+39 02 90698999**e-mail address of the competent person
responsible for the Safety Data Sheet **schedesicurezza@maireri.it**Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY****1.4. Emergency telephone number**For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47**SECTION 2. Hazards identification.****2.1. Classification of the substance or mixture.**

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.**3.1. Substances.**

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB INDIAN YELLOW	16098
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.**MB INDIAN YELLOW****16098**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 3 / 6**SECTION 8. Exposure controls/personal protection.****8.1. Control parameters.**

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Appearance	paste
Colour	DEEP YELLOW
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	45,32 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.**10.1. Reactivity.**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
MB INDIAN YELLOW	16098	
SECTION 10. Stability and reactivity. ... / >>		
10.5. Incompatible materials. Information not available.		
10.6. Hazardous decomposition products. Information not available.		
SECTION 11. Toxicological information.		
According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.		
11.1. Information on toxicological effects. Information not available.		
SECTION 12. Ecological information.		
Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.		
12.1. Toxicity. Information not available.		
12.2. Persistence and degradability. Information not available.		
12.3. Bioaccumulative potential. Information not available.		
12.4. Mobility in soil. Information not available.		
12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.		
12.6. Other adverse effects. Information not available.		
SECTION 13. Disposal considerations.		
13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.		
SECTION 14. Transport information.		
The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.		
SECTION 15. Regulatory information.		
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.		
Seveso category. _____ None.		
Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. _____ None.		

INDUSTRIA MAIMERI S.P.A.**MB INDIAN YELLOW****16098**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**MB INDIAN YELLOW****16098**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB NAPLES YELLOW RED 16106	

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **16106**
 Product name **MB NAPLES YELLOW RED 16106**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
 Full address **Via Gianni Maimeri, 1**
 District and Country **20060 Mediglia (MI) Italia**
 Tel. **+39 02 906981**
 Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maireri.it**

Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY**

1.4. Emergency telephone number

For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB NAPLES YELLOW RED 16106	
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.

Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 3 / 6

MB NAPLES YELLOW RED**16106****SECTION 8. Exposure controls/personal protection.****8.1. Control parameters.**

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Appearance	paste
Colour	pink
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	64,39 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.**10.1. Reactivity.**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
MB NAPLES YELLOW RED		16106
SECTION 10. Stability and reactivity. ... / >>		
10.5. Incompatible materials. Information not available.		
10.6. Hazardous decomposition products. Information not available.		
SECTION 11. Toxicological information.		
According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.		
11.1. Information on toxicological effects. Information not available.		
SECTION 12. Ecological information.		
Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.		
12.1. Toxicity. Information not available.		
12.2. Persistence and degradability. Information not available.		
12.3. Bioaccumulative potential. Information not available.		
12.4. Mobility in soil. Information not available.		
12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.		
12.6. Other adverse effects. Information not available.		
SECTION 13. Disposal considerations.		
13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.		
SECTION 14. Transport information.		
The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations. INFORMATION ON TRANSPORT OUTSIDE EU MEMBER NATIONS: NOT USDOT OR IMO REGULATED.		
SECTION 15. Regulatory information.		
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture. <u>Seveso category.</u> None. <u>Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006.</u>		

INDUSTRIA MAIMERI S.P.A.

Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6

MB NAPLES YELLOW RED**16106****SECTION 15. Regulatory information. ... / >>**

None.

Substances in Candidate List (Art. 59 REACH).
None.

Substances subject to authorisation (Annex XIV REACH).
None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.

Substances subject to the Rotterdam Convention:
None.

Substances subject to the Stockholm Convention:
None.

Healthcare controls.
Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
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4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB NAPLES YELLOW RED****16106****SECTION 16. Other information. ... / >>**

7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition
9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

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Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB PERMAN.YELL.LEMON	16112	

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **16112**
Product name **MB PERMAN.YELL.LEMON** **16112**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI) Italia**
Tel. **+39 02 906981**
Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maimeri.it**

Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY**

1.4. Emergency telephone number

For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB PERMAN.YELL.LEMON 16112	
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB PERMAN.YELL.LEMON	16112	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	yellow
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	44,72 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.

Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6

MB PERMAN.YELL.LEMON 16112**SECTION 15. Regulatory information. ... / >>**

Substances in Candidate List (Art. 59 REACH).
None.

Substances subject to authorisation (Annex XIV REACH).
None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.

Substances subject to the Rotterdam Convention:
None.

Substances subject to the Stockholm Convention:
None.

Healthcare controls.
Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
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- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

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4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB PERMAN.YELL.LEMON****16112****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB ORANGE LAKE		16125
Information Sheet		
SECTION 1. Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Code:	16125	
Product name	MB ORANGE LAKE	16125
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Intended use	Water colour.	
1.3. Details of the supplier of the safety data sheet		
Name	INDUSTRIA MAIMERI S.P.A.	
Full address	Via Gianni Maimeri, 1	
District and Country	20060 Mediglia	(MI)
	Italia	
	Tel.	+39 02 906981
	Fax	+39 02 90698999
e-mail address of the competent person responsible for the Safety Data Sheet	schedesicurezza@maimeri.it	
Product distribution by	INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY	
1.4. Emergency telephone number		
For urgent inquiries refer to	Australia : 131126 USA: 1 800 222 1222 Regno Unito NHS Direct (UK): +44 (0) 845 46 47	
SECTION 2. Hazards identification.		
2.1. Classification of the substance or mixture.		
The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		
2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.		
Hazard classification and indication:	--	
2.2. Label elements.		
Hazard pictograms:	--	
Signal words:	--	
Hazard statements:	--	
Precautionary statements:	--	
2.3. Other hazards.		
Information not available.		
SECTION 3. Composition/information on ingredients.		
3.1. Substances.		
Information not relevant.		
3.2. Mixtures.		
The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB ORANGE LAKE	16125
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB ORANGE LAKE	16125	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	orange
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	42,83 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
MB ORANGE LAKE 16125	
SECTION 10. Stability and reactivity. ... / >>	
10.5. Incompatible materials. Information not available.	
10.6. Hazardous decomposition products. Information not available.	
SECTION 11. Toxicological information.	
According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.	
11.1. Information on toxicological effects. Information not available.	
SECTION 12. Ecological information.	
Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.	
12.1. Toxicity. Information not available.	
12.2. Persistence and degradability. Information not available.	
12.3. Bioaccumulative potential. Information not available.	
12.4. Mobility in soil. Information not available.	
12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.	
12.6. Other adverse effects. Information not available.	
SECTION 13. Disposal considerations.	
13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.	
SECTION 14. Transport information.	
The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.	
SECTION 15. Regulatory information.	
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture. Seveso category. <u>None.</u> Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. <u>None.</u>	

INDUSTRIA MAIMERI S.P.A.**MB ORANGE LAKE****16125**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**MB ORANGE LAKE****16125**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB GOLDEN LAKE		16128
Information Sheet		
SECTION 1. Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Code:	16128	
Product name	MB GOLDEN LAKE	16128
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Intended use	Water colour.	
1.3. Details of the supplier of the safety data sheet		
Name	INDUSTRIA MAIMERI S.P.A.	
Full address	Via Gianni Maimeri, 1	
District and Country	20060 Mediglia	(MI)
	Italia	
	Tel.	+39 02 906981
	Fax	+39 02 90698999
e-mail address of the competent person responsible for the Safety Data Sheet	schedesicurezza@maimeri.it	
Product distribution by	INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY	
1.4. Emergency telephone number		
For urgent inquiries refer to	Australia : 131126 USA: 1 800 222 1222 Regno Unito NHS Direct (UK): +44 (0) 845 46 47	
SECTION 2. Hazards identification.		
2.1. Classification of the substance or mixture.		
The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		
2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.		
Hazard classification and indication:	--	
2.2. Label elements.		
Hazard pictograms:	--	
Signal words:	--	
Hazard statements:	--	
Precautionary statements:	--	
2.3. Other hazards.		
Information not available.		
SECTION 3. Composition/information on ingredients.		
3.1. Substances.		
Information not relevant.		
3.2. Mixtures.		
The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB GOLDEN LAKE	16128
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB GOLDEN LAKE	16128	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	gold
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	45,35 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
MB GOLDEN LAKE	16128
SECTION 10. Stability and reactivity. ... / >>	
<p>10.5. Incompatible materials. Information not available.</p> <p>10.6. Hazardous decomposition products. Information not available.</p>	
SECTION 11. Toxicological information.	
<p>According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.</p> <p>11.1. Information on toxicological effects. Information not available.</p>	
SECTION 12. Ecological information.	
<p>Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.</p> <p>12.1. Toxicity. Information not available.</p> <p>12.2. Persistence and degradability. Information not available.</p> <p>12.3. Bioaccumulative potential. Information not available.</p> <p>12.4. Mobility in soil. Information not available.</p> <p>12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.</p> <p>12.6. Other adverse effects. Information not available.</p>	
SECTION 13. Disposal considerations.	
<p>13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.</p>	
SECTION 14. Transport information.	
<p>The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.</p>	
SECTION 15. Regulatory information.	
<p>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.</p> <p>Seveso category. <u> None.</u></p> <p>Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. <u> None.</u></p>	

INDUSTRIA MAIMERI S.P.A.**MB GOLDEN LAKE****16128**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**MB GOLDEN LAKE****16128**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB YELLOW OCHRE	16131	
Information Sheet		
SECTION 1. Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Code:	16131	
Product name	MB YELLOW OCHRE	16131
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Intended use	Water colour.	
1.3. Details of the supplier of the safety data sheet		
Name	INDUSTRIA MAIMERI S.P.A.	
Full address	Via Gianni Maimeri, 1	
District and Country	20060 Mediglia	(MI)
	Italia	
	Tel. +39 02 906981	
	Fax +39 02 90698999	
e-mail address of the competent person responsible for the Safety Data Sheet	schedesicurezza@maimeri.it	
Product distribution by	INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY	
1.4. Emergency telephone number		
For urgent inquiries refer to	Australia : 131126 USA: 1 800 222 1222 Regno Unito NHS Direct (UK): +44 (0) 845 46 47	
SECTION 2. Hazards identification.		
2.1. Classification of the substance or mixture.		
The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		
2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.		
Hazard classification and indication:	--	
2.2. Label elements.		
Hazard pictograms:	--	
Signal words:	--	
Hazard statements:	--	
Precautionary statements:	--	
2.3. Other hazards.		
Information not available.		
SECTION 3. Composition/information on ingredients.		
3.1. Substances.		
Information not relevant.		
3.2. Mixtures.		
The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB YELLOW OCHRE	16131
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.**MB YELLOW OCHRE****16131**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 3 / 6**SECTION 8. Exposure controls/personal protection.****8.1. Control parameters.**

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Appearance	paste
Colour	LIGHT OCHRE
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	56,36 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.**10.1. Reactivity.**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
MB YELLOW OCHRE	16131	
SECTION 10. Stability and reactivity. ... / >>		
<p>10.5. Incompatible materials. Information not available.</p> <p>10.6. Hazardous decomposition products. Information not available.</p>		
SECTION 11. Toxicological information.		
<p>According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.</p> <p>11.1. Information on toxicological effects. Information not available.</p>		
SECTION 12. Ecological information.		
<p>Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.</p> <p>12.1. Toxicity. Information not available.</p> <p>12.2. Persistence and degradability. Information not available.</p> <p>12.3. Bioaccumulative potential. Information not available.</p> <p>12.4. Mobility in soil. Information not available.</p> <p>12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.</p> <p>12.6. Other adverse effects. Information not available.</p>		
SECTION 13. Disposal considerations.		
<p>13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.</p>		
SECTION 14. Transport information.		
<p>The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.</p>		
SECTION 15. Regulatory information.		
<p>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture. <u>Seveso category.</u> None. Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. None.</p>		

INDUSTRIA MAIMERI S.P.A.

Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6

MB YELLOW OCHRE**16131****SECTION 15. Regulatory information. ... / >>**

Substances in Candidate List (Art. 59 REACH).
None.

Substances subject to authorisation (Annex XIV REACH).
None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.

Substances subject to the Rotterdam Convention:
None.

Substances subject to the Stockholm Convention:
None.

Healthcare controls.
Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB YELLOW OCHRE****16131****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.
MB RAW SIENNA 16161

Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 1 / 6

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **16161**
Product name **MB RAW SIENNA 16161**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI) Italia**
Tel. **+39 02 906981**
Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet

schedesicurezza@maireri.it

Product distribution by

INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY

1.4. Emergency telephone number

For urgent inquiries refer to
Australia : 131126
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB RAW SIENNA	16161
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB RAW SIENNA	16161	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	ochre
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	46,40 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.**MB RAW SIENNA****16161**

Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 4 / 6

SECTION 10. Stability and reactivity. ... / >>**10.5. Incompatible materials.**

Information not available.

10.6. Hazardous decomposition products.

Information not available.

SECTION 11. Toxicological information.

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.

11.1. Information on toxicological effects.

Information not available.

SECTION 12. Ecological information.

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

12.1. Toxicity.

Information not available.

12.2. Persistence and degradability.

Information not available.

12.3. Bioaccumulative potential.

Information not available.

12.4. Mobility in soil.

Information not available.

12.5. Results of PBT and vPvB assessment.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects.

Information not available.

SECTION 13. Disposal considerations.**13.1. Waste treatment methods.**

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.
Avoid littering. Do not contaminate soil, sewers and waterways.
CONTAMINATED PACKAGING
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information.

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

SECTION 15. Regulatory information.**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.**

Seveso category. _____ None.

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. _____

None.

INDUSTRIA MAIMERI S.P.A.**MB RAW SIENNA****16161**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**MB RAW SIENNA****16161**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB CRIMSON LAKE		16174
Information Sheet		
SECTION 1. Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Code:	16174	
Product name	MB CRIMSON LAKE	16174
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Intended use	Water colour.	
1.3. Details of the supplier of the safety data sheet		
Name	INDUSTRIA MAIMERI S.P.A.	
Full address	Via Gianni Maimeri, 1	
District and Country	20060 Mediglia	(MI)
	Italia	
	Tel.	+39 02 906981
	Fax	+39 02 90698999
e-mail address of the competent person responsible for the Safety Data Sheet	schedesicurezza@maimeri.it	
Product distribution by	INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY	
1.4. Emergency telephone number		
For urgent inquiries refer to	Australia : 131126 USA: 1 800 222 1222 Regno Unito NHS Direct (UK): +44 (0) 845 46 47	
SECTION 2. Hazards identification.		
2.1. Classification of the substance or mixture.		
The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		
2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.		
Hazard classification and indication:	--	
2.2. Label elements.		
Hazard pictograms:	--	
Signal words:	--	
Hazard statements:	--	
Precautionary statements:	--	
2.3. Other hazards.		
Information not available.		
SECTION 3. Composition/information on ingredients.		
3.1. Substances.		
Information not relevant.		
3.2. Mixtures.		
The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB CRIMSON LAKE	16174
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB CRIMSON LAKE	16174	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	red
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	43,16 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
MB CRIMSON LAKE	16174	
SECTION 10. Stability and reactivity. ... / >>		
10.5. Incompatible materials. Information not available.		
10.6. Hazardous decomposition products. Information not available.		
SECTION 11. Toxicological information.		
According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.		
11.1. Information on toxicological effects. Information not available.		
SECTION 12. Ecological information.		
Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.		
12.1. Toxicity. Information not available.		
12.2. Persistence and degradability. Information not available.		
12.3. Bioaccumulative potential. Information not available.		
12.4. Mobility in soil. Information not available.		
12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.		
12.6. Other adverse effects. Information not available.		
SECTION 13. Disposal considerations.		
13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.		
SECTION 14. Transport information.		
The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.		
SECTION 15. Regulatory information.		
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.		
Seveso category. <u> </u> None.		
Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. <u> </u> None.		

INDUSTRIA MAIMERI S.P.A.**MB CRIMSON LAKE****16174**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).

None.

Substances subject to authorisation (Annex XIV REACH).

None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

Healthcare controls.

Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**MB CRIMSON LAKE****16174**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.**MB ROSE LAKE****16182**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 1 / 6**Information Sheet****SECTION 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**Code: **16182**
Product name **MB ROSE LAKE** **16182****1.2. Relevant identified uses of the substance or mixture and uses advised against**Intended use **Water colour.****1.3. Details of the supplier of the safety data sheet**Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI)**
Italia
Tel. **+39 02 906981**
Fax **+39 02 90698999**e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maireri.it**Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY****1.4. Emergency telephone number**For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47**SECTION 2. Hazards identification.****2.1. Classification of the substance or mixture.**

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.**3.1. Substances.**

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB ROSE LAKE	16182
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.**MB ROSE LAKE****16182**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 3 / 6**SECTION 8. Exposure controls/personal protection.****8.1. Control parameters.**

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Appearance	paste
Colour	RED
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	45,01 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.**10.1. Reactivity.**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.**MB ROSE LAKE****16182**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).

None.

Substances subject to authorisation (Annex XIV REACH).

None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

Healthcare controls.

Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
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- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

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4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**MB ROSE LAKE****16182**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB CADMIUM RED LIGHT		16226
Information Sheet		
SECTION 1. Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Code:	16226	
Product name	MB CADMIUM RED LIGHT	16226
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Intended use	Water colour.	
1.3. Details of the supplier of the safety data sheet		
Name	INDUSTRIA MAIMERI S.P.A.	
Full address	Via Gianni Maimeri, 1	
District and Country	20060 Mediglia	(MI)
	Italia	
	Tel.	+39 02 906981
	Fax	+39 02 90698999
e-mail address of the competent person responsible for the Safety Data Sheet	schedesicurezza@maimeri.it	
Product distribution by	INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY	
1.4. Emergency telephone number		
For urgent inquiries refer to	Australia : 131126 USA: 1 800 222 1222 Regno Unito NHS Direct (UK): +44 (0) 845 46 47	
SECTION 2. Hazards identification.		
2.1. Classification of the substance or mixture.		
The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		
2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.		
Hazard classification and indication:	--	
2.2. Label elements.		
Hazard pictograms:	--	
Signal words:	--	
Hazard statements:	--	
Precautionary statements:	--	
2.3. Other hazards.		
Information not available.		
SECTION 3. Composition/information on ingredients.		
3.1. Substances.		
Information not relevant.		
3.2. Mixtures.		
The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB CADMIUM RED LIGHT 16226	
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB CADMIUM RED LIGHT	16226	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	red
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	20,38 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
MB CADMIUM RED LIGHT 16226	
SECTION 10. Stability and reactivity. ... / >>	
<p>10.5. Incompatible materials. Information not available.</p> <p>10.6. Hazardous decomposition products. Information not available.</p>	
SECTION 11. Toxicological information.	
<p>According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.</p> <p>11.1. Information on toxicological effects. Information not available.</p>	
SECTION 12. Ecological information.	
<p>Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.</p> <p>12.1. Toxicity. Information not available.</p> <p>12.2. Persistence and degradability. Information not available.</p> <p>12.3. Bioaccumulative potential. Information not available.</p> <p>12.4. Mobility in soil. Information not available.</p> <p>12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.</p> <p>12.6. Other adverse effects. Information not available.</p>	
SECTION 13. Disposal considerations.	
<p>13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.</p>	
SECTION 14. Transport information.	
<p>The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.</p>	
SECTION 15. Regulatory information.	
<p>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.</p> <p>Seveso category. <u>None.</u></p> <p>Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. <u>None.</u></p>	

INDUSTRIA MAIMERI S.P.A.**MB CADMIUM RED LIGHT****16226**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
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- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
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- PEC: Predicted environmental Concentration
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- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
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- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

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5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB CADMIUM RED LIGHT****16226****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.**MB PERMAN.RED DEEP****16253**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 1 / 6**Information Sheet****SECTION 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**Code: **16253**
Product name **MB PERMAN.RED DEEP** **16253****1.2. Relevant identified uses of the substance or mixture and uses advised against**Intended use **Water colour.****1.3. Details of the supplier of the safety data sheet**Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI)**
Italia
Tel. **+39 02 906981**
Fax **+39 02 90698999**e-mail address of the competent person
responsible for the Safety Data Sheet **schedesicurezza@maimeri.it**Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY****1.4. Emergency telephone number**For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47**SECTION 2. Hazards identification.****2.1. Classification of the substance or mixture.**

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.Hazard classification and indication: **--****2.2. Label elements.**Hazard pictograms: **--**Signal words: **--**Hazard statements: **--**Precautionary statements: **--****2.3. Other hazards.**

Information not available.

SECTION 3. Composition/information on ingredients.**3.1. Substances.**

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB PERMAN.RED DEEP	16253
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB PERMAN.RED DEEP	16253	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	dark red
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	43,31 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.**MB PERMAN.RED DEEP****16253**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB PERMAN.RED DEEP****16253****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB PRIMARY RED-MAGEN	16256	

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **16256**
Product name **MB PRIMARY RED-MAGEN** **16256**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI) Italia**
Tel. **+39 02 906981**
Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maireri.it**

Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY**

1.4. Emergency telephone number

For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB PRIMARY RED-MAGEN 16256	
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB PRIMARY RED-MAGEN	16256	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	LIGHT RED
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	41,56 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
MB PRIMARY RED-MAGEN		16256
SECTION 10. Stability and reactivity. ... / >>		
<p>10.5. Incompatible materials. Information not available.</p> <p>10.6. Hazardous decomposition products. Information not available.</p>		
SECTION 11. Toxicological information.		
<p>According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.</p> <p>11.1. Information on toxicological effects. Information not available.</p>		
SECTION 12. Ecological information.		
<p>Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.</p> <p>12.1. Toxicity. Information not available.</p> <p>12.2. Persistence and degradability. Information not available.</p> <p>12.3. Bioaccumulative potential. Information not available.</p> <p>12.4. Mobility in soil. Information not available.</p> <p>12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.</p> <p>12.6. Other adverse effects. Information not available.</p>		
SECTION 13. Disposal considerations.		
<p>13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.</p>		
SECTION 14. Transport information.		
<p>The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.</p>		
SECTION 15. Regulatory information.		
<p>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.</p> <p>Seveso category. <u> None.</u></p> <p>Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. <u> None.</u></p>		

INDUSTRIA MAIMERI S.P.A.

Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6

MB PRIMARY RED-MAGEN 16256**SECTION 15. Regulatory information. ... / >>**

Substances in Candidate List (Art. 59 REACH).
None.

Substances subject to authorisation (Annex XIV REACH).
None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.

Substances subject to the Rotterdam Convention:
None.

Substances subject to the Stockholm Convention:
None.

Healthcare controls.
Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB PRIMARY RED-MAGEN****16256****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.**MB TIZIANO RED****16261**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 1 / 6**Information Sheet****SECTION 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**Code: **16261**
Product name **MB TIZIANO RED** **16261****1.2. Relevant identified uses of the substance or mixture and uses advised against**Intended use **Water colour.****1.3. Details of the supplier of the safety data sheet**Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI)**
Italia
Tel. **+39 02 906981**
Fax **+39 02 90698999**e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maireri.it**Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY****1.4. Emergency telephone number**For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47**SECTION 2. Hazards identification.****2.1. Classification of the substance or mixture.**

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.**3.1. Substances.**

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB TIZIANO RED	16261
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.**MB TIZIANO RED****16261**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 3 / 6**SECTION 8. Exposure controls/personal protection.****8.1. Control parameters.**

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Appearance	paste
Colour	red
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	41,70 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.**10.1. Reactivity.**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
MB TIZIANO RED	16261
SECTION 10. Stability and reactivity. ... / >>	
<p>10.5. Incompatible materials. Information not available.</p> <p>10.6. Hazardous decomposition products. Information not available.</p>	
SECTION 11. Toxicological information.	
<p>According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.</p> <p>11.1. Information on toxicological effects. Information not available.</p>	
SECTION 12. Ecological information.	
<p>Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.</p> <p>12.1. Toxicity. Information not available.</p> <p>12.2. Persistence and degradability. Information not available.</p> <p>12.3. Bioaccumulative potential. Information not available.</p> <p>12.4. Mobility in soil. Information not available.</p> <p>12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.</p> <p>12.6. Other adverse effects. Information not available.</p>	
SECTION 13. Disposal considerations.	
<p>13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.</p>	
SECTION 14. Transport information.	
<p>The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.</p>	
SECTION 15. Regulatory information.	
<p>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.</p> <p>Seveso category. _____ None.</p> <p>Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. _____ None.</p>	

INDUSTRIA MAIMERI S.P.A.**MB TIZIANO RED****16261**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**MB TIZIANO RED****16261**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
Maimeri Blu	16263 SANDAL RED	
Information Sheet		
SECTION 1. Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Code:	16263	
Product name	Maimeri Blu	16263 SANDAL RED
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Intended use	Water colour.	
1.3. Details of the supplier of the safety data sheet		
Name	INDUSTRIA MAIMERI S.P.A.	
Full address	Via Gianni Maimeri, 1	
District and Country	20060 Mediglia	(MI)
	Italia	
	Tel.	+39 02 906981
	Fax	+39 02 90698999
e-mail address of the competent person responsible for the Safety Data Sheet	schedesicurezza@maimeri.it	
Product distribution by	INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY	
1.4. Emergency telephone number		
For urgent inquiries refer to	Australia : 131126 USA: 1 800 222 1222 Regno Unito NHS Direct (UK): +44 (0) 845 46 47	
SECTION 2. Hazards identification.		
2.1. Classification of the substance or mixture.		
The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		
2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.		
Hazard classification and indication:	--	
2.2. Label elements.		
Hazard pictograms:	--	
Signal words:	--	
Hazard statements:	--	
Precautionary statements:	--	
2.3. Other hazards.		
Information not available.		
SECTION 3. Composition/information on ingredients.		
3.1. Substances.		
Information not relevant.		
3.2. Mixtures.		
The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
Maimeri Blu	16263 SANDAL RED	
SECTION 4. First aid measures.		
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>		
SECTION 5. Firefighting measures.		
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>		
SECTION 6. Accidental release measures.		
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>		
SECTION 7. Handling and storage.		
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>		

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
Maimeri Blu	16263 SANDAL RED	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	red
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	47,14 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.

Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 4 / 6

Maimeri Blu

16263 SANDAL RED

SECTION 10. Stability and reactivity. ... / >>

10.5. Incompatible materials.
Information not available.

10.6. Hazardous decomposition products.
Information not available.

SECTION 11. Toxicological information.

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.

11.1. Information on toxicological effects.
Information not available.

SECTION 12. Ecological information.

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

12.1. Toxicity.
Information not available.

12.2. Persistence and degradability.
Information not available.

12.3. Bioaccumulative potential.
Information not available.

12.4. Mobility in soil.
Information not available.

12.5. Results of PBT and vPvB assessment.
On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects.
Information not available.

SECTION 13. Disposal considerations.

13.1. Waste treatment methods.
Reuse, when possible. Neat product residues should be considered special non-hazardous waste.
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.
Avoid littering. Do not contaminate soil, sewers and waterways.
CONTAMINATED PACKAGING
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information.

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

SECTION 15. Regulatory information.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.

Seveso category. None.

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006.
None.

INDUSTRIA MAIMERI S.P.A.**Maimeri Blu****16263 SANDAL RED**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**Maimeri Blu****16263 SANDAL RED**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 1 / 6**MB DRAGON'S BLOOD****16270****Information Sheet****SECTION 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**Code: **16270**
Product name **MB DRAGON'S BLOOD** **16270****1.2. Relevant identified uses of the substance or mixture and uses advised against**Intended use **Water colour.****1.3. Details of the supplier of the safety data sheet**Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI)**
Italia
Tel. **+39 02 906981**
Fax **+39 02 90698999**e-mail address of the competent person
responsible for the Safety Data Sheet **schedesicurezza@maimeri.it**Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY****1.4. Emergency telephone number**For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47**SECTION 2. Hazards identification.****2.1. Classification of the substance or mixture.**

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.**3.1. Substances.**

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB DRAGON'S BLOOD	16270
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.

Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 3 / 6

MB DRAGON'S BLOOD**16270****SECTION 8. Exposure controls/personal protection.****8.1. Control parameters.**

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Appearance	paste
Colour	dark red
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	48,23 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.**10.1. Reactivity.**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
MB DRAGON'S BLOOD 16270	
SECTION 10. Stability and reactivity. ... / >>	
<p>10.5. Incompatible materials. Information not available.</p> <p>10.6. Hazardous decomposition products. Information not available.</p>	
SECTION 11. Toxicological information.	
<p>According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.</p> <p>11.1. Information on toxicological effects. Information not available.</p>	
SECTION 12. Ecological information.	
<p>Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.</p> <p>12.1. Toxicity. Information not available.</p> <p>12.2. Persistence and degradability. Information not available.</p> <p>12.3. Bioaccumulative potential. Information not available.</p> <p>12.4. Mobility in soil. Information not available.</p> <p>12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.</p> <p>12.6. Other adverse effects. Information not available.</p>	
SECTION 13. Disposal considerations.	
<p>13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.</p>	
SECTION 14. Transport information.	
<p>The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.</p>	
SECTION 15. Regulatory information.	
<p>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.</p> <p>Seveso category. _____ None.</p> <p>Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. _____ None.</p>	

INDUSTRIA MAIMERI S.P.A.

Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6

MB DRAGON'S BLOOD**16270****SECTION 15. Regulatory information.** ... / >>

Substances in Candidate List (Art. 59 REACH).
None.

Substances subject to authorisation (Annex XIV REACH).
None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.

Substances subject to the Rotterdam Convention:
None.

Substances subject to the Stockholm Convention:
None.

Healthcare controls.
Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB DRAGON'S BLOOD****16270****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB BURNT SIENNA	16278	
Information Sheet		
SECTION 1. Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Code:	16278	
Product name	MB BURNT SIENNA	16278
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Intended use	Water colour.	
1.3. Details of the supplier of the safety data sheet		
Name	INDUSTRIA MAIMERI S.P.A.	
Full address	Via Gianni Maimeri, 1	
District and Country	20060 Mediglia	(MI)
	Italia	
	Tel. +39 02 906981	
	Fax +39 02 90698999	
e-mail address of the competent person responsible for the Safety Data Sheet	schedesicurezza@maimeri.it	
Product distribution by	INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY	
1.4. Emergency telephone number		
For urgent inquiries refer to	Australia : 131126 USA: 1 800 222 1222 Regno Unito NHS Direct (UK): +44 (0) 845 46 47	
SECTION 2. Hazards identification.		
2.1. Classification of the substance or mixture.		
The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		
2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.		
Hazard classification and indication:	--	
2.2. Label elements.		
Hazard pictograms:	--	
Signal words:	--	
Hazard statements:	--	
Precautionary statements:	--	
2.3. Other hazards.		
Information not available.		
SECTION 3. Composition/information on ingredients.		
3.1. Substances.		
Information not relevant.		
3.2. Mixtures.		
The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB BURNT SIENNA	16278
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB BURNT SIENNA	16278	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	DEEP OCHRE
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	51,28 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.**MB BURNT SIENNA****16278**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
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- IMO: International Maritime Organization
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- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

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6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**MB BURNT SIENNA****16278**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

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The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
Maimeri Blu	16296 GREEN EARTH	
Information Sheet		
SECTION 1. Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Code:	16296	
Product name	Maimeri Blu	16296 GREEN EARTH
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Intended use	Water colour.	
1.3. Details of the supplier of the safety data sheet		
Name	INDUSTRIA MAIMERI S.P.A.	
Full address	Via Gianni Maimeri, 1	
District and Country	20060 Mediglia	(MI)
	Italia	
	Tel. +39 02 906981	
	Fax +39 02 90698999	
e-mail address of the competent person responsible for the Safety Data Sheet	schedesicurezza@maimeri.it	
Product distribution by	INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY	
1.4. Emergency telephone number		
For urgent inquiries refer to	Australia : 131126	
	USA: 1 800 222 1222	
	Regno Unito NHS Direct (UK): +44 (0) 845 46 47	
SECTION 2. Hazards identification.		
2.1. Classification of the substance or mixture.		
The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		
2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.		
Hazard classification and indication:	--	
2.2. Label elements.		
Hazard pictograms:	--	
Signal words:	--	
Hazard statements:	--	
Precautionary statements:	--	
2.3. Other hazards.		
Information not available.		
SECTION 3. Composition/information on ingredients.		
3.1. Substances.		
Information not relevant.		
3.2. Mixtures.		
The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
Maimeri Blu	16296 GREEN EARTH	
SECTION 4. First aid measures.		
4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.		
4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.		
4.3. Indication of any immediate medical attention and special treatment needed. Information not available.		
SECTION 5. Firefighting measures.		
5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.		
5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.		
5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).		
SECTION 6. Accidental release measures.		
6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.		
6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.		
6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.		
6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.		
SECTION 7. Handling and storage.		
7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.		
7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.		
7.3. Specific end use(s). Information not available.		

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
Maimeri Blu	16296 GREEN EARTH	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	TRASPARENT GREEN
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	49,57 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
Maimer Blu 16296 GREEN EARTH	
SECTION 10. Stability and reactivity. ... / >>	
<p>10.5. Incompatible materials. Information not available.</p> <p>10.6. Hazardous decomposition products. Information not available.</p>	
SECTION 11. Toxicological information.	
<p>According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.</p> <p>11.1. Information on toxicological effects. Information not available.</p>	
SECTION 12. Ecological information.	
<p>Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.</p> <p>12.1. Toxicity. Information not available.</p> <p>12.2. Persistence and degradability. Information not available.</p> <p>12.3. Bioaccumulative potential. Information not available.</p> <p>12.4. Mobility in soil. Information not available.</p> <p>12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.</p> <p>12.6. Other adverse effects. Information not available.</p>	
SECTION 13. Disposal considerations.	
<p>13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.</p>	
SECTION 14. Transport information.	
<p>The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.</p>	
SECTION 15. Regulatory information.	
<p>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture. <u>Seveso category.</u> None. <u>Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006.</u> None.</p>	

INDUSTRIA MAIMERI S.P.A.**Maimeri Blu****16296 GREEN EARTH**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
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- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**Maimeri Blu****16296 GREEN EARTH**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.**Maimeri Blu****16316 COBALT GREEN LIGHT**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 1 / 6**Information Sheet****SECTION 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**Code: **16316**
Product name **Maimeri Blu** **16316 COBALT GREEN LIGHT****1.2. Relevant identified uses of the substance or mixture and uses advised against**Intended use **Water colour.****1.3. Details of the supplier of the safety data sheet**Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI)**
Italia
Tel. **+39 02 906981**
Fax **+39 02 90698999**e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maimeri.it**Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY****1.4. Emergency telephone number**For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47**SECTION 2. Hazards identification.****2.1. Classification of the substance or mixture.**

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.**3.1. Substances.**

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
Maimeri Blu	16316 COBALT GREEN LIGHT	
SECTION 4. First aid measures.		
4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.		
4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.		
4.3. Indication of any immediate medical attention and special treatment needed. Information not available.		
SECTION 5. Firefighting measures.		
5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.		
5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.		
5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).		
SECTION 6. Accidental release measures.		
6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.		
6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.		
6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.		
6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.		
SECTION 7. Handling and storage.		
7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.		
7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.		
7.3. Specific end use(s). Information not available.		

INDUSTRIA MAIMERI S.P.A.**Maimeri Blu****16316 COBALT GREEN LIGHT**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 3 / 6**SECTION 8. Exposure controls/personal protection.****8.1. Control parameters.**

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Appearance	paste
Colour	green
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	62,31 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.**10.1. Reactivity.**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.**Maimeri Blu****16316 COBALT GREEN LIGHT**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**Maimeri Blu****16316 COBALT GREEN LIGHT**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB CUPRIC GREEN LIGH 16322	

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **16322**
 Product name **MB CUPRIC GREEN LIGH 16322**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
 Full address **Via Gianni Maimeri, 1**
 District and Country **20060 Mediglia (MI) Italia**
 Tel. **+39 02 906981**
 Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maireri.it**

Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY**

1.4. Emergency telephone number

For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: **--**

2.2. Label elements.

Hazard pictograms: **--**

Signal words: **--**

Hazard statements: **--**

Precautionary statements: **--**

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB CUPRIC GREEN LIGH 16322	
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.**MB CUPRIC GREEN LIGH****16322**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 3 / 6**SECTION 8. Exposure controls/personal protection.****8.1. Control parameters.**

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Appearance	paste
Colour	green
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	46,56 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.**10.1. Reactivity.**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
MB CUPRIC GREEN LIGH 16322	
SECTION 10. Stability and reactivity. ... / >>	
<p>10.5. Incompatible materials. Information not available.</p> <p>10.6. Hazardous decomposition products. Information not available.</p>	
SECTION 11. Toxicological information.	
<p>According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.</p> <p>11.1. Information on toxicological effects. Information not available.</p>	
SECTION 12. Ecological information.	
<p>Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.</p> <p>12.1. Toxicity. Information not available.</p> <p>12.2. Persistence and degradability. Information not available.</p> <p>12.3. Bioaccumulative potential. Information not available.</p> <p>12.4. Mobility in soil. Information not available.</p> <p>12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.</p> <p>12.6. Other adverse effects. Information not available.</p>	
SECTION 13. Disposal considerations.	
<p>13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.</p>	
SECTION 14. Transport information.	
<p>The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.</p>	
SECTION 15. Regulatory information.	
<p>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.</p> <p>Seveso category. None.</p> <p>Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. _____ None.</p>	

INDUSTRIA MAIMERI S.P.A.**MB CUPRIC GREEN LIGH****16322**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

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5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
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INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB CUPRIC GREEN LIGH****16322****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB CUPRIC GREEN DEEP 16324	

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **16324**
 Product name **MB CUPRIC GREEN DEEP 16324**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
 Full address **Via Gianni Maimeri, 1**
 District and Country **20060 Mediglia (MI) Italia**
 Tel. **+39 02 906981**
 Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maireri.it**

Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY**

1.4. Emergency telephone number

For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: **--**

2.2. Label elements.

Hazard pictograms: **--**

Signal words: **--**

Hazard statements: **--**

Precautionary statements: **--**

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB CUPRIC GREEN DEEP 16324	
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB CUPRIC GREEN DEEP	16324	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	DEEP GREEN
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	43,49 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
MB CUPRIC GREEN DEEP	16324	
SECTION 10. Stability and reactivity. ... / >>		
<p>10.5. Incompatible materials. Information not available.</p> <p>10.6. Hazardous decomposition products. Information not available.</p>		
SECTION 11. Toxicological information.		
<p>According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.</p> <p>11.1. Information on toxicological effects. Information not available.</p>		
SECTION 12. Ecological information.		
<p>Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.</p> <p>12.1. Toxicity. Information not available.</p> <p>12.2. Persistence and degradability. Information not available.</p> <p>12.3. Bioaccumulative potential. Information not available.</p> <p>12.4. Mobility in soil. Information not available.</p> <p>12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.</p> <p>12.6. Other adverse effects. Information not available.</p>		
SECTION 13. Disposal considerations.		
<p>13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.</p>		
SECTION 14. Transport information.		
<p>The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.</p>		
SECTION 15. Regulatory information.		
<p>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.</p> <p>Seveso category. _____ None.</p> <p>Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. _____ None.</p>		

INDUSTRIA MAIMERI S.P.A.

Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6

MB CUPRIC GREEN DEEP 16324**SECTION 15. Regulatory information. ... / >>**

Substances in Candidate List (Art. 59 REACH).
None.

Substances subject to authorisation (Annex XIV REACH).
None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.

Substances subject to the Rotterdam Convention:
None.

Substances subject to the Stockholm Convention:
None.

Healthcare controls.
Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB CUPRIC GREEN DEEP****16324****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB PERM.GREEN YELLOW	16338	

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **16338**
Product name **MB PERM.GREEN YELLOW** **16338**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI) Italia**
Tel. **+39 02 906981**
Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maireri.it**

Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY**

1.4. Emergency telephone number

For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB PERM.GREEN YELLOW	16338
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB PERM.GREEN YELLOW	16338	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	YELLOW GREEN
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	45,74 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
MB PERM.GREEN YELLOW	16338	
SECTION 10. Stability and reactivity. ... / >>		
<p>10.5. Incompatible materials. Information not available.</p> <p>10.6. Hazardous decomposition products. Information not available.</p>		
SECTION 11. Toxicological information.		
<p>According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.</p> <p>11.1. Information on toxicological effects. Information not available.</p>		
SECTION 12. Ecological information.		
<p>Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.</p> <p>12.1. Toxicity. Information not available.</p> <p>12.2. Persistence and degradability. Information not available.</p> <p>12.3. Bioaccumulative potential. Information not available.</p> <p>12.4. Mobility in soil. Information not available.</p> <p>12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.</p> <p>12.6. Other adverse effects. Information not available.</p>		
SECTION 13. Disposal considerations.		
<p>13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.</p>		
SECTION 14. Transport information.		
<p>The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.</p>		
SECTION 15. Regulatory information.		
<p>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.</p> <p>Seveso category. _____ None.</p> <p>Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. _____ None.</p>		

INDUSTRIA MAIMERI S.P.A.

Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6

MB PERM.GREEN YELLOW**16338****SECTION 15. Regulatory information. ... / >>**

Substances in Candidate List (Art. 59 REACH).
None.

Substances subject to authorisation (Annex XIV REACH).
None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.

Substances subject to the Rotterdam Convention:
None.

Substances subject to the Stockholm Convention:
None.

Healthcare controls.
Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB PERM.GREEN YELLOW****16338****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB TURQUOISE GREEN	16350	
Information Sheet		
SECTION 1. Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Code:	16350	
Product name	MB TURQUOISE GREEN	16350
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Intended use	Water colour.	
1.3. Details of the supplier of the safety data sheet		
Name	INDUSTRIA MAIMERI S.P.A.	
Full address	Via Gianni Maimeri, 1	
District and Country	20060 Mediglia	(MI)
	Italia	
	Tel. +39 02 906981	
	Fax +39 02 90698999	
e-mail address of the competent person responsible for the Safety Data Sheet	schedesicurezza@maimeri.it	
Product distribution by	INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY	
1.4. Emergency telephone number		
For urgent inquiries refer to	Australia : 131126 USA: 1 800 222 1222 Regno Unito NHS Direct (UK): +44 (0) 845 46 47	
SECTION 2. Hazards identification.		
2.1. Classification of the substance or mixture.		
The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		
2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.		
Hazard classification and indication:	--	
2.2. Label elements.		
Hazard pictograms:	--	
Signal words:	--	
Hazard statements:	--	
Precautionary statements:	--	
2.3. Other hazards.		
Information not available.		
SECTION 3. Composition/information on ingredients.		
3.1. Substances.		
Information not relevant.		
3.2. Mixtures.		
The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB TURQUOISE GREEN	16350
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB TURQUOISE GREEN	16350	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	GREEN BLUE
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	41,87 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.

Revision nr.1
 Dated 18/6/2014
 Printed on 18/6/2014
 Page n. 4 / 6

MB TURQUOISE GREEN**16350****SECTION 10. Stability and reactivity. ... / >>****10.5. Incompatible materials.**

Information not available.

10.6. Hazardous decomposition products.

Information not available.

SECTION 11. Toxicological information.

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.

11.1. Information on toxicological effects.

Information not available.

SECTION 12. Ecological information.

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

12.1. Toxicity.

Information not available.

12.2. Persistence and degradability.

Information not available.

12.3. Bioaccumulative potential.

Information not available.

12.4. Mobility in soil.

Information not available.

12.5. Results of PBT and vPvB assessment.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects.

Information not available.

SECTION 13. Disposal considerations.**13.1. Waste treatment methods.**

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.
 Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.
 Avoid littering. Do not contaminate soil, sewers and waterways.
 CONTAMINATED PACKAGING
 Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information.

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

SECTION 15. Regulatory information.**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.**

Seveso category. _____ None.

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. _____

None.

INDUSTRIA MAIMERI S.P.A.**MB TURQUOISE GREEN****16350**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB TURQUOISE GREEN****16350****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.**MB SAP GREEN****16358**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 1 / 6**Information Sheet****SECTION 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**Code: **16358**
Product name **MB SAP GREEN** **16358****1.2. Relevant identified uses of the substance or mixture and uses advised against**Intended use **Water colour.****1.3. Details of the supplier of the safety data sheet**Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI)**
Italia
Tel. **+39 02 906981**
Fax **+39 02 90698999**e-mail address of the competent person
responsible for the Safety Data Sheet **schedesicurezza@maireri.it**Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY****1.4. Emergency telephone number**For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47**SECTION 2. Hazards identification.****2.1. Classification of the substance or mixture.**

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.**3.1. Substances.**

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB SAP GREEN	16358
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB SAP GREEN	16358	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	YELLOW GREEN
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	44,21 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
MB SAP GREEN	16358
SECTION 10. Stability and reactivity. ... / >>	
<p>10.5. Incompatible materials. Information not available.</p> <p>10.6. Hazardous decomposition products. Information not available.</p>	
SECTION 11. Toxicological information.	
<p>According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.</p> <p>11.1. Information on toxicological effects. Information not available.</p>	
SECTION 12. Ecological information.	
<p>Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.</p> <p>12.1. Toxicity. Information not available.</p> <p>12.2. Persistence and degradability. Information not available.</p> <p>12.3. Bioaccumulative potential. Information not available.</p> <p>12.4. Mobility in soil. Information not available.</p> <p>12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.</p> <p>12.6. Other adverse effects. Information not available.</p>	
SECTION 13. Disposal considerations.	
<p>13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.</p>	
SECTION 14. Transport information.	
<p>The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.</p>	
SECTION 15. Regulatory information.	
<p>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.</p> <p>Seveso category. <u> None.</u></p> <p>Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. <u> None.</u></p>	

INDUSTRIA MAIMERI S.P.A.**MB SAP GREEN****16358**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
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- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**MB SAP GREEN****16358**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.**MB CERULEAN BLUE****16368**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 1 / 6**Information Sheet****SECTION 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**Code: **16368**
Product name **MB CERULEAN BLUE** **16368****1.2. Relevant identified uses of the substance or mixture and uses advised against**Intended use **Water colour.****1.3. Details of the supplier of the safety data sheet**Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI)**
Italia
Tel. **+39 02 906981**
Fax **+39 02 90698999**e-mail address of the competent person
responsible for the Safety Data Sheet **schedesicurezza@maimeri.it**Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY****1.4. Emergency telephone number**For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47**SECTION 2. Hazards identification.****2.1. Classification of the substance or mixture.**

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.**3.1. Substances.**

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB CERULEAN BLUE	16368
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.**MB CERULEAN BLUE****16368**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 3 / 6**SECTION 8. Exposure controls/personal protection.****8.1. Control parameters.**

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Appearance	paste
Colour	SKY BLUE
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	64,00 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.**10.1. Reactivity.**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
MB CERULEAN BLUE		16368
SECTION 10. Stability and reactivity. ... / >>		
<p>10.5. Incompatible materials. Information not available.</p> <p>10.6. Hazardous decomposition products. Information not available.</p>		
SECTION 11. Toxicological information.		
<p>According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.</p> <p>11.1. Information on toxicological effects. Information not available.</p>		
SECTION 12. Ecological information.		
<p>Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.</p> <p>12.1. Toxicity. Information not available.</p> <p>12.2. Persistence and degradability. Information not available.</p> <p>12.3. Bioaccumulative potential. Information not available.</p> <p>12.4. Mobility in soil. Information not available.</p> <p>12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.</p> <p>12.6. Other adverse effects. Information not available.</p>		
SECTION 13. Disposal considerations.		
<p>13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.</p>		
SECTION 14. Transport information.		
<p>The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.</p>		
SECTION 15. Regulatory information.		
<p>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture. Seveso category. _____ None. Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. _____ None.</p>		

INDUSTRIA MAIMERI S.P.A.**MB CERULEAN BLUE****16368**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
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- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
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- PBT: Persistent bioaccumulative and toxic as REACH Regulation
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- PEL: Predicted exposure level
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- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

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3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**MB CERULEAN BLUE****16368**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB COBALT BLUE LIGHT	16373	

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **16373**
 Product name **MB COBALT BLUE LIGHT** **16373**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
 Full address **Via Gianni Maimeri, 1**
 District and Country **20060 Mediglia (MI) Italia**
 Tel. **+39 02 906981**
 Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maireri.it**

Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY**

1.4. Emergency telephone number

For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB COBALT BLUE LIGHT 16373	
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.**MB COBALT BLUE LIGHT****16373**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 3 / 6**SECTION 8. Exposure controls/personal protection.****8.1. Control parameters.**

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Appearance	paste
Colour	blue
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	56,42 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.**10.1. Reactivity.**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A. MB COBALT BLUE LIGHT	16373	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
SECTION 10. Stability and reactivity. ... / >>		
<p>10.5. Incompatible materials. Information not available.</p> <p>10.6. Hazardous decomposition products. Information not available.</p>		
SECTION 11. Toxicological information.		
<p>According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.</p> <p>11.1. Information on toxicological effects. Information not available.</p>		
SECTION 12. Ecological information.		
<p>Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.</p> <p>12.1. Toxicity. Information not available.</p> <p>12.2. Persistence and degradability. Information not available.</p> <p>12.3. Bioaccumulative potential. Information not available.</p> <p>12.4. Mobility in soil. Information not available.</p> <p>12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.</p> <p>12.6. Other adverse effects. Information not available.</p>		
SECTION 13. Disposal considerations.		
<p>13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.</p>		
SECTION 14. Transport information.		
<p>The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.</p>		
SECTION 15. Regulatory information.		
<p>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture. Seveso category. <u> None.</u> Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. <u> None.</u></p>		

INDUSTRIA MAIMERI S.P.A.**MB COBALT BLUE LIGHT****16373**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
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5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**MB COBALT BLUE LIGHT****16373**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

- 9. Handling Chemical Safety
- 10. Niosh - Registry of Toxic Effects of Chemical Substances
- 11. INRS - Fiche Toxicologique (toxicological sheet)
- 12. Patty - Industrial Hygiene and Toxicology
- 13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- 14. ECHA website

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Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB COBALT BLUE DEEP	16374	

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **16374**
 Product name **MB COBALT BLUE DEEP** **16374**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
 Full address **Via Gianni Maimeri, 1**
 District and Country **20060 Mediglia (MI) Italia**
 Tel. **+39 02 906981**
 Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maireri.it**

Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY**

1.4. Emergency telephone number

For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB COBALT BLUE DEEP	16374
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB COBALT BLUE DEEP	16374	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	DEEP BLUE
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	62,01 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.**MB COBALT BLUE DEEP****16374**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
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- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
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- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
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- LC50: Lethal Concentration 50%
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- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
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- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

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INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB COBALT BLUE DEEP****16374****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
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14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 1 / 6**MB FAIENCE BLUE****16377****Information Sheet****SECTION 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**Code: **16377**
Product name **MB FAIENCE BLUE** **16377****1.2. Relevant identified uses of the substance or mixture and uses advised against**Intended use **Water colour.****1.3. Details of the supplier of the safety data sheet**Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI)**
Italia
Tel. **+39 02 906981**
Fax **+39 02 90698999**e-mail address of the competent person
responsible for the Safety Data Sheet **schedesicurezza@maireri.it**Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY****1.4. Emergency telephone number**For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47**SECTION 2. Hazards identification.****2.1. Classification of the substance or mixture.**

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.**3.1. Substances.**

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB FAIENCE BLUE	16377
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB FAIENCE BLUE	16377	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	DEEP BLUE
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	42,54 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 4 / 6**MB FAIENCE BLUE****16377****SECTION 10. Stability and reactivity. ... / >>****10.5. Incompatible materials.**

Information not available.

10.6. Hazardous decomposition products.

Information not available.

SECTION 11. Toxicological information.

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.

11.1. Information on toxicological effects.

Information not available.

SECTION 12. Ecological information.

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

12.1. Toxicity.

Information not available.

12.2. Persistence and degradability.

Information not available.

12.3. Bioaccumulative potential.

Information not available.

12.4. Mobility in soil.

Information not available.

12.5. Results of PBT and vPvB assessment.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects.

Information not available.

SECTION 13. Disposal considerations.**13.1. Waste treatment methods.**

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Avoid littering. Do not contaminate soil, sewers and waterways.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information.

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

SECTION 15. Regulatory information.**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.**

Seveso category. None.

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006.

None.

INDUSTRIA MAIMERI S.P.A.**MB FAIENCE BLUE****16377**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB FAIENCE BLUE****16377****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB ULTRAMARINE LIGHT		16391
Information Sheet		
SECTION 1. Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Code:	16391	
Product name	MB ULTRAMARINE LIGHT 16391	
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Intended use	Water colour.	
1.3. Details of the supplier of the safety data sheet		
Name	INDUSTRIA MAIMERI S.P.A.	
Full address	Via Gianni Maimeri, 1	
District and Country	20060 Mediglia	(MI)
	Italia	
	Tel.	+39 02 906981
	Fax	+39 02 90698999
e-mail address of the competent person responsible for the Safety Data Sheet	schedesicurezza@maimeri.it	
Product distribution by	INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY	
1.4. Emergency telephone number		
For urgent inquiries refer to	Australia : 131126 USA: 1 800 222 1222 Regno Unito NHS Direct (UK): +44 (0) 845 46 47	
SECTION 2. Hazards identification.		
2.1. Classification of the substance or mixture.		
The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		
2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.		
Hazard classification and indication:	--	
2.2. Label elements.		
Hazard pictograms:	--	
Signal words:	--	
Hazard statements:	--	
Precautionary statements:	--	
2.3. Other hazards.		
Information not available.		
SECTION 3. Composition/information on ingredients.		
3.1. Substances.		
Information not relevant.		
3.2. Mixtures.		
The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB ULTRAMARINE LIGHT 16391	
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB ULTRAMARINE LIGHT	16391	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	blue
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	58,96 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6	
MB ULTRAMARINE LIGHT		16391	
SECTION 10. Stability and reactivity. ... / >>			
10.5. Incompatible materials. Information not available.			
10.6. Hazardous decomposition products. Information not available.			
SECTION 11. Toxicological information.			
According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.			
11.1. Information on toxicological effects. Information not available.			
SECTION 12. Ecological information.			
Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.			
12.1. Toxicity. Information not available.			
12.2. Persistence and degradability. Information not available.			
12.3. Bioaccumulative potential. Information not available.			
12.4. Mobility in soil. Information not available.			
12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.			
12.6. Other adverse effects. Information not available.			
SECTION 13. Disposal considerations.			
13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.			
SECTION 14. Transport information.			
The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.			
SECTION 15. Regulatory information.			
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture. <u>Seveso category.</u> None.			
Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. None.			

INDUSTRIA MAIMERI S.P.A.**MB ULTRAMARINE LIGHT****16391**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB ULTRAMARINE LIGHT****16391****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB ULTRAMARINE DEEP	16392	

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **16392**
Product name **MB ULTRAMARINE DEEP** **16392**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI) Italia**
Tel. **+39 02 906981**
Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maireri.it**

Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY**

1.4. Emergency telephone number

For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB ULTRAMARINE DEEP	16392
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB ULTRAMARINE DEEP	16392	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	DEEP BLUE
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	62,65 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
MB ULTRAMARINE DEEP		16392
SECTION 10. Stability and reactivity. ... / >>		
10.5. Incompatible materials. Information not available.		
10.6. Hazardous decomposition products. Information not available.		
SECTION 11. Toxicological information.		
According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.		
11.1. Information on toxicological effects. Information not available.		
SECTION 12. Ecological information.		
Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.		
12.1. Toxicity. Information not available.		
12.2. Persistence and degradability. Information not available.		
12.3. Bioaccumulative potential. Information not available.		
12.4. Mobility in soil. Information not available.		
12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.		
12.6. Other adverse effects. Information not available.		
SECTION 13. Disposal considerations.		
13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.		
SECTION 14. Transport information.		
The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.		
SECTION 15. Regulatory information.		
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture. <u>Seveso category.</u> None. Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. <u>None.</u>		

INDUSTRIA MAIMERI S.P.A.**MB ULTRAMARINE DEEP****16392**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB ULTRAMARINE DEEP****16392****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB PRUSSIAN BLUE	16402	
Information Sheet		
SECTION 1. Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Code:	16402	
Product name	MB PRUSSIAN BLUE	16402
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Intended use	Water colour.	
1.3. Details of the supplier of the safety data sheet		
Name	INDUSTRIA MAIMERI S.P.A.	
Full address	Via Gianni Maimeri, 1	
District and Country	20060 Mediglia	(MI)
	Italia	
	Tel. +39 02 906981	
	Fax +39 02 90698999	
e-mail address of the competent person responsible for the Safety Data Sheet	schedesicurezza@maimeri.it	
Product distribution by	INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY	
1.4. Emergency telephone number		
For urgent inquiries refer to	Australia : 131126 USA: 1 800 222 1222 Regno Unito NHS Direct (UK): +44 (0) 845 46 47	
SECTION 2. Hazards identification.		
2.1. Classification of the substance or mixture.		
The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		
2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.		
Hazard classification and indication:	--	
2.2. Label elements.		
Hazard pictograms:	--	
Signal words:	--	
Hazard statements:	--	
Precautionary statements:	--	
2.3. Other hazards.		
Information not available.		
SECTION 3. Composition/information on ingredients.		
3.1. Substances.		
Information not relevant.		
3.2. Mixtures.		
The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB PRUSSIAN BLUE	16402
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB PRUSSIAN BLUE	16402	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	DEEP BLUE
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	46,93 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
MB PRUSSIAN BLUE	16402	
SECTION 10. Stability and reactivity. ... / >>		
<p>10.5. Incompatible materials. Information not available.</p> <p>10.6. Hazardous decomposition products. Information not available.</p>		
SECTION 11. Toxicological information.		
<p>According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.</p> <p>11.1. Information on toxicological effects. Information not available.</p>		
SECTION 12. Ecological information.		
<p>Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.</p> <p>12.1. Toxicity. Information not available.</p> <p>12.2. Persistence and degradability. Information not available.</p> <p>12.3. Bioaccumulative potential. Information not available.</p> <p>12.4. Mobility in soil. Information not available.</p> <p>12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.</p> <p>12.6. Other adverse effects. Information not available.</p>		
SECTION 13. Disposal considerations.		
<p>13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.</p>		
SECTION 14. Transport information.		
<p>The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.</p>		
SECTION 15. Regulatory information.		
<p>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.</p> <p>Seveso category: _____ None.</p> <p>Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. _____ None.</p>		

INDUSTRIA MAIMERI S.P.A.

Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6

MB PRUSSIAN BLUE**16402****SECTION 15. Regulatory information. ... / >>**

Substances in Candidate List (Art. 59 REACH).
None.

Substances subject to authorisation (Annex XIV REACH).
None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.

Substances subject to the Rotterdam Convention:
None.

Substances subject to the Stockholm Convention:
None.

Healthcare controls.
Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB PRUSSIAN BLUE****16402****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 1 / 6**MB GREEN BLUE****16409****Information Sheet****SECTION 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**Code: **16409**
Product name **MB GREEN BLUE** **16409****1.2. Relevant identified uses of the substance or mixture and uses advised against**Intended use **Water colour.****1.3. Details of the supplier of the safety data sheet**Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI)**
Italia
Tel. **+39 02 906981**
Fax **+39 02 90698999**e-mail address of the competent person
responsible for the Safety Data Sheet **schedesicurezza@maimeri.it**Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY****1.4. Emergency telephone number**For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47**SECTION 2. Hazards identification.****2.1. Classification of the substance or mixture.**

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.**3.1. Substances.**

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB GREEN BLUE	16409
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB GREEN BLUE	16409	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	BLUE GREEN
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	43,41 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A. MB GREEN BLUE 16409	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
SECTION 10. Stability and reactivity. ... / >>	
<p>10.5. Incompatible materials. Information not available.</p> <p>10.6. Hazardous decomposition products. Information not available.</p>	
SECTION 11. Toxicological information.	
<p>According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.</p> <p>11.1. Information on toxicological effects. Information not available.</p>	
SECTION 12. Ecological information.	
<p>Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.</p> <p>12.1. Toxicity. Information not available.</p> <p>12.2. Persistence and degradability. Information not available.</p> <p>12.3. Bioaccumulative potential. Information not available.</p> <p>12.4. Mobility in soil. Information not available.</p> <p>12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.</p> <p>12.6. Other adverse effects. Information not available.</p>	
SECTION 13. Disposal considerations.	
<p>13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.</p>	
SECTION 14. Transport information.	
<p>The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.</p>	
SECTION 15. Regulatory information.	
<p>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture. Seveso category. <u> None.</u> Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. <u> None.</u></p>	

INDUSTRIA MAIMERI S.P.A.**MB GREEN BLUE****16409**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB GREEN BLUE****16409****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.**MB INDIGO****16422**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 1 / 6**Information Sheet****SECTION 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**Code: **16422**
Product name **MB INDIGO** **16422****1.2. Relevant identified uses of the substance or mixture and uses advised against**Intended use **Water colour.****1.3. Details of the supplier of the safety data sheet**Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI)**
Italia
Tel. **+39 02 906981**
Fax **+39 02 90698999**e-mail address of the competent person
responsible for the Safety Data Sheet **schedesicurezza@maireri.it**Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY****1.4. Emergency telephone number**For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47**SECTION 2. Hazards identification.****2.1. Classification of the substance or mixture.**

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.**3.1. Substances.**

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB INDIGO	16422
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.**MB INDIGO****16422**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 3 / 6**SECTION 8. Exposure controls/personal protection.****8.1. Control parameters.**

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Appearance	paste
Colour	indigo
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	44,05 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.**10.1. Reactivity.**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 4 / 6**MB INDIGO****16422****SECTION 10. Stability and reactivity. ... / >>****10.5. Incompatible materials.**

Information not available.

10.6. Hazardous decomposition products.

Information not available.

SECTION 11. Toxicological information.

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.

11.1. Information on toxicological effects.

Information not available.

SECTION 12. Ecological information.

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

12.1. Toxicity.

Information not available.

12.2. Persistence and degradability.

Information not available.

12.3. Bioaccumulative potential.

Information not available.

12.4. Mobility in soil.

Information not available.

12.5. Results of PBT and vPvB assessment.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects.

Information not available.

SECTION 13. Disposal considerations.**13.1. Waste treatment methods.**

Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways.
CONTAMINATED PACKAGING
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information.

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

SECTION 15. Regulatory information.**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.**Seveso category. None.Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006.

None.

INDUSTRIA MAIMERI S.P.A.**MB INDIGO****16422**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

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2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**MB INDIGO****16422**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

- 9. Handling Chemical Safety
- 10. Niosh - Registry of Toxic Effects of Chemical Substances
- 11. INRS - Fiche Toxicologique (toxicological sheet)
- 12. Patty - Industrial Hygiene and Toxicology
- 13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- 14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB MINERAL VIOLET	16460	
Information Sheet		
SECTION 1. Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Code:	16460	
Product name	MB MINERAL VIOLET	16460
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Intended use	Water colour.	
1.3. Details of the supplier of the safety data sheet		
Name	INDUSTRIA MAIMERI S.P.A.	
Full address	Via Gianni Maimeri, 1	
District and Country	20060 Mediglia	(MI)
	Italia	
	Tel.	+39 02 906981
	Fax	+39 02 90698999
e-mail address of the competent person responsible for the Safety Data Sheet	schedesicurezza@maimeri.it	
Product distribution by	INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY	
1.4. Emergency telephone number		
For urgent inquiries refer to	Australia : 131126 USA: 1 800 222 1222 Regno Unito NHS Direct (UK): +44 (0) 845 46 47	
SECTION 2. Hazards identification.		
2.1. Classification of the substance or mixture.		
The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		
2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.		
Hazard classification and indication:	--	
2.2. Label elements.		
Hazard pictograms:	--	
Signal words:	--	
Hazard statements:	--	
Precautionary statements:	--	
2.3. Other hazards.		
Information not available.		
SECTION 3. Composition/information on ingredients.		
3.1. Substances.		
Information not relevant.		
3.2. Mixtures.		
The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB MINERAL VIOLET	16460
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB MINERAL VIOLET	16460	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	DEEP VIOLET
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	65,57 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.

Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 4 / 6

MB MINERAL VIOLET 16460**SECTION 10. Stability and reactivity. ... / >>****10.5. Incompatible materials.**

Information not available.

10.6. Hazardous decomposition products.

Information not available.

SECTION 11. Toxicological information.

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.

11.1. Information on toxicological effects.

Information not available.

SECTION 12. Ecological information.

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

12.1. Toxicity.

Information not available.

12.2. Persistence and degradability.

Information not available.

12.3. Bioaccumulative potential.

Information not available.

12.4. Mobility in soil.

Information not available.

12.5. Results of PBT and vPvB assessment.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects.

Information not available.

SECTION 13. Disposal considerations.**13.1. Waste treatment methods.**

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.
Avoid littering. Do not contaminate soil, sewers and waterways.
CONTAMINATED PACKAGING
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information.

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

SECTION 15. Regulatory information.**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.**

Seveso category. _____ None.

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. _____
None.

INDUSTRIA MAIMERI S.P.A.

Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6

MB MINERAL VIOLET**16460****SECTION 15. Regulatory information. ... / >>**

Substances in Candidate List (Art. 59 REACH).
None.

Substances subject to authorisation (Annex XIV REACH).
None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.

Substances subject to the Rotterdam Convention:
None.

Substances subject to the Stockholm Convention:
None.

Healthcare controls.
Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
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6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
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Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB MINERAL VIOLET****16460****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB PERMAN.VIOLET BLUE		16463
Information Sheet		
SECTION 1. Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Code:	16463	
Product name	MB PERMAN.VIOLET BLUE 16463	
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Intended use	Water colour.	
1.3. Details of the supplier of the safety data sheet		
Name	INDUSTRIA MAIMERI S.P.A.	
Full address	Via Gianni Maimeri, 1	
District and Country	20060 Mediglia	(MI)
	Italia	
	Tel. +39 02 906981	
	Fax +39 02 90698999	
e-mail address of the competent person responsible for the Safety Data Sheet	schedesicurezza@maimeri.it	
Product distribution by	INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY	
1.4. Emergency telephone number		
For urgent inquiries refer to	Australia : 131126 USA: 1 800 222 1222 Regno Unito NHS Direct (UK): +44 (0) 845 46 47	
SECTION 2. Hazards identification.		
2.1. Classification of the substance or mixture.		
The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		
2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.		
Hazard classification and indication:	--	
2.2. Label elements.		
Hazard pictograms:	--	
Signal words:	--	
Hazard statements:	--	
Precautionary statements:	--	
2.3. Other hazards.		
Information not available.		
SECTION 3. Composition/information on ingredients.		
3.1. Substances.		
Information not relevant.		
3.2. Mixtures.		
The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB PERMAN.VIOLET BLUE 16463	
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB PERMAN.VIOLET BLUE	16463	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	VIOLET BLUE
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	46,31 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

<p style="text-align: center;">INDUSTRIA MAIMERI S.P.A.</p>	<p>Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6</p>
<p>MB PERMAN.VIOLET BLUE 16463</p>	
SECTION 10. Stability and reactivity. ... / >>	
<p>10.5. Incompatible materials. Information not available.</p> <p>10.6. Hazardous decomposition products. Information not available.</p>	
SECTION 11. Toxicological information.	
<p>According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.</p> <p>11.1. Information on toxicological effects. Information not available.</p>	
SECTION 12. Ecological information.	
<p>Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.</p> <p>12.1. Toxicity. Information not available.</p> <p>12.2. Persistence and degradability. Information not available.</p> <p>12.3. Bioaccumulative potential. Information not available.</p> <p>12.4. Mobility in soil. Information not available.</p> <p>12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.</p> <p>12.6. Other adverse effects. Information not available.</p>	
SECTION 13. Disposal considerations.	
<p>13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.</p>	
SECTION 14. Transport information.	
<p>The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.</p>	
SECTION 15. Regulatory information.	
<p>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.</p> <p>Seveso category. None.</p> <p>Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. _____ None.</p>	

INDUSTRIA MAIMERI S.P.A.

Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6

MB PERMAN.VIOLET BLUE 16463**SECTION 15. Regulatory information. ... / >>**

Substances in Candidate List (Art. 59 REACH).
None.

Substances subject to authorisation (Annex XIV REACH).
None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.

Substances subject to the Rotterdam Convention:
None.

Substances subject to the Stockholm Convention:
None.

Healthcare controls.
Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB PERMAN.VIOLET BLUE 16463****SECTION 16. Other information. ... / >>**

- 9. Handling Chemical Safety
- 10. Niosh - Registry of Toxic Effects of Chemical Substances
- 11. INRS - Fiche Toxicologique (toxicological sheet)
- 12. Patty - Industrial Hygiene and Toxicology
- 13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- 14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.**Maimeri Blu****16465 Permanent Violet Reddish**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 1 / 6**Information Sheet****SECTION 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**Code: **16465**
Product name **Maimeri Blu** **16465 Permanent Violet Reddish****1.2. Relevant identified uses of the substance or mixture and uses advised against**Intended use **Water colour.****1.3. Details of the supplier of the safety data sheet**Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI)**
Italia
Tel. **+39 02 906981**
Fax **+39 02 90698999**e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maimeri.it**Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY****1.4. Emergency telephone number**For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47**SECTION 2. Hazards identification.****2.1. Classification of the substance or mixture.**

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.**3.1. Substances.**

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
Maimeri Blu	16465 Permanent Violet Reddish	
SECTION 4. First aid measures.		
4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.		
4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.		
4.3. Indication of any immediate medical attention and special treatment needed. Information not available.		
SECTION 5. Firefighting measures.		
5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.		
5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.		
5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).		
SECTION 6. Accidental release measures.		
6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.		
6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.		
6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.		
6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.		
SECTION 7. Handling and storage.		
7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.		
7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.		
7.3. Specific end use(s). Information not available.		

INDUSTRIA MAIMERI S.P.A.**Maimeri Blu****16465 Permanent Violet Reddish**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 3 / 6**SECTION 8. Exposure controls/personal protection.****8.1. Control parameters.**

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Appearance	paste
Colour	RED VIOLET
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	42,07 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.**10.1. Reactivity.**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
Maimerì Blu	16465 Permanent Violet Reddish	

SECTION 10. Stability and reactivity. ... / >>

10.5. Incompatible materials.
Information not available.

10.6. Hazardous decomposition products.
Information not available.

SECTION 11. Toxicological information.

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.

11.1. Information on toxicological effects.
Information not available.

SECTION 12. Ecological information.

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

12.1. Toxicity.
Information not available.

12.2. Persistence and degradability.
Information not available.

12.3. Bioaccumulative potential.
Information not available.

12.4. Mobility in soil.
Information not available.

12.5. Results of PBT and vPvB assessment.
On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects.
Information not available.

SECTION 13. Disposal considerations.

13.1. Waste treatment methods.
Reuse, when possible. Neat product residues should be considered special non-hazardous waste.
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.
Avoid littering. Do not contaminate soil, sewers and waterways.
CONTAMINATED PACKAGING
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information.

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

SECTION 15. Regulatory information.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.

Seveso category. None.

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. None.

INDUSTRIA MAIMERI S.P.A.**Maimer Blu****16465 Permanent Violet Reddish**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
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- LC50: Lethal Concentration 50%
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- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

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7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
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INDUSTRIA MAIMERI S.P.A.**Maimerì Blu****16465 Permanent Violet Reddish**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
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13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

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The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

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The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB VERZINO VIOLET	16473	

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **16473**
 Product name **MB VERZINO VIOLET** **16473**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
 Full address **Via Gianni Maimeri, 1**
 District and Country **20060 Mediglia (MI) Italia**
 Tel. **+39 02 906981**
 Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maireri.it**

Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY**

1.4. Emergency telephone number

For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB VERZINO VIOLET	16473
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB VERZINO VIOLET	16473	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	RED VIOLET
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	41,47 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
MB VERZINO VIOLET	16473	
SECTION 10. Stability and reactivity. ... / >>		
<p>10.5. Incompatible materials. Information not available.</p> <p>10.6. Hazardous decomposition products. Information not available.</p>		
SECTION 11. Toxicological information.		
<p>According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.</p> <p>11.1. Information on toxicological effects. Information not available.</p>		
SECTION 12. Ecological information.		
<p>Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.</p> <p>12.1. Toxicity. Information not available.</p> <p>12.2. Persistence and degradability. Information not available.</p> <p>12.3. Bioaccumulative potential. Information not available.</p> <p>12.4. Mobility in soil. Information not available.</p> <p>12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.</p> <p>12.6. Other adverse effects. Information not available.</p>		
SECTION 13. Disposal considerations.		
<p>13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.</p>		
SECTION 14. Transport information.		
<p>The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.</p>		
SECTION 15. Regulatory information.		
<p>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.</p> <p>Seveso category. <u> </u> None.</p> <p>Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. <u> </u> None.</p>		

INDUSTRIA MAIMERI S.P.A.**MB VERZINO VIOLET****16473**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB VERZINO VIOLET****16473****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB TRANSPARENT MARS	16477

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **16477**
 Product name **MB TRANSPARENT MARS** **16477**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
 Full address **Via Gianni Maimeri, 1**
 District and Country **20060 Mediglia (MI) Italia**
 Tel. **+39 02 906981**
 Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maimeri.it**

Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY**

1.4. Emergency telephone number

For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB TRANSPARENT MARS 16477	
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB TRANSPARENT MARS	16477	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	TRASPARENT BROWN
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	46,37 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.

Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6

MB TRANSPARENT MARS**16477****SECTION 15. Regulatory information. ... / >>**

Substances in Candidate List (Art. 59 REACH).
None.

Substances subject to authorisation (Annex XIV REACH).
None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.

Substances subject to the Rotterdam Convention:
None.

Substances subject to the Stockholm Convention:
None.

Healthcare controls.
Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
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- EmS: Emergency Schedule
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- IC50: Immobilization Concentration 50%
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- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
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- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

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5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
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INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB TRANSPARENT MARS****16477****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
Maimeri Blu	16484 VANDYKE BROWN	
Information Sheet		
SECTION 1. Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Code:	16484	
Product name	Maimeri Blu 16484 VANDYKE BROWN	
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Intended use	Water colour.	
1.3. Details of the supplier of the safety data sheet		
Name	INDUSTRIA MAIMERI S.P.A.	
Full address	Via Gianni Maimeri, 1	
District and Country	20060 Mediglia	(MI)
	Italia	
	Tel. +39 02 906981	
	Fax +39 02 90698999	
e-mail address of the competent person responsible for the Safety Data Sheet	schedesicurezza@maimeri.it	
Product distribution by	INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY	
1.4. Emergency telephone number		
For urgent inquiries refer to	Australia : 131126	
	USA: 1 800 222 1222	
	Regno Unito NHS Direct (UK): +44 (0) 845 46 47	
SECTION 2. Hazards identification.		
2.1. Classification of the substance or mixture.		
The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		
2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.		
Hazard classification and indication:	--	
2.2. Label elements.		
Hazard pictograms:	--	
Signal words:	--	
Hazard statements:	--	
Precautionary statements:	--	
2.3. Other hazards.		
Information not available.		
SECTION 3. Composition/information on ingredients.		
3.1. Substances.		
Information not relevant.		
3.2. Mixtures.		
The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
Maimeri Blu	16484 VANDYKE BROWN	
SECTION 4. First aid measures.		
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>		
SECTION 5. Firefighting measures.		
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>		
SECTION 6. Accidental release measures.		
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>		
SECTION 7. Handling and storage.		
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>		

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
Maimeri Blu	16484 VANDYKE BROWN	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	DEEP BROWN
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	53,41 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
Maimer Blu	16484 VANDYKE BROWN	
SECTION 10. Stability and reactivity. ... / >>		
10.5. Incompatible materials. Information not available.		
10.6. Hazardous decomposition products. Information not available.		
SECTION 11. Toxicological information.		
According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.		
11.1. Information on toxicological effects. Information not available.		
SECTION 12. Ecological information.		
Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.		
12.1. Toxicity. Information not available.		
12.2. Persistence and degradability. Information not available.		
12.3. Bioaccumulative potential. Information not available.		
12.4. Mobility in soil. Information not available.		
12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.		
12.6. Other adverse effects. Information not available.		
SECTION 13. Disposal considerations.		
13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.		
SECTION 14. Transport information.		
The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.		
SECTION 15. Regulatory information.		
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture. Seveso category. _____ None. Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. _____ None.		

INDUSTRIA MAIMERI S.P.A.**Maimeri Blu****16484 VANDYKE BROWN**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**Maimer Blu****16484 VANDYKE BROWN**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.**MB SEPIA****16486**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 1 / 6**Information Sheet****SECTION 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**Code: **16486**
Product name **MB SEPIA** **16486****1.2. Relevant identified uses of the substance or mixture and uses advised against**Intended use **Water colour.****1.3. Details of the supplier of the safety data sheet**Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI)**
Italia
Tel. **+39 02 906981**
Fax **+39 02 90698999**e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maireri.it**Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY****1.4. Emergency telephone number**For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47**SECTION 2. Hazards identification.****2.1. Classification of the substance or mixture.**

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.**3.1. Substances.**

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB SEPIA	16486
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.**MB SEPIA****16486**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 3 / 6**SECTION 8. Exposure controls/personal protection.****8.1. Control parameters.**

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Appearance	paste
Colour	dark grey
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	50,09 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.**10.1. Reactivity.**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 4 / 6
MB SEPIA	16486
SECTION 10. Stability and reactivity. ... / >>	
10.5. Incompatible materials. Information not available.	
10.6. Hazardous decomposition products. Information not available.	
SECTION 11. Toxicological information.	
According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.	
11.1. Information on toxicological effects. Information not available.	
SECTION 12. Ecological information.	
Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.	
12.1. Toxicity. Information not available.	
12.2. Persistence and degradability. Information not available.	
12.3. Bioaccumulative potential. Information not available.	
12.4. Mobility in soil. Information not available.	
12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.	
12.6. Other adverse effects. Information not available.	
SECTION 13. Disposal considerations.	
13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.	
SECTION 14. Transport information.	
The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.	
SECTION 15. Regulatory information.	
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.	
Seveso category. _____ None.	
Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. _____ None.	

INDUSTRIA MAIMERI S.P.A.**MB SEPIA****16486**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
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- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

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2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**MB SEPIA****16486**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB BROWN STIL DE GRA 16488	

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **16488**
 Product name **MB BROWN STIL DE GRA 16488**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
 Full address **Via Gianni Maimeri, 1**
 District and Country **20060 Mediglia (MI) Italia**
 Tel. **+39 02 906981**
 Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maireri.it**

Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY**

1.4. Emergency telephone number

For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB BROWN STIL DE GRA 16488	
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB BROWN STIL DE GRA	16488	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	TRASPARENT BROWN
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	43,45 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.**MB BROWN STIL DE GRA****16488**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).

None.

Substances subject to authorisation (Annex XIV REACH).

None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

Healthcare controls.

Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
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INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB BROWN STIL DE GRA****16488****SECTION 16. Other information. ... / >>**

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14. ECHA website

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This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB BURNT UMBER	16492	
Information Sheet		
SECTION 1. Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Code:	16492	
Product name	MB BURNT UMBER	16492
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Intended use	Water colour.	
1.3. Details of the supplier of the safety data sheet		
Name	INDUSTRIA MAIMERI S.P.A.	
Full address	Via Gianni Maimeri, 1	
District and Country	20060 Mediglia	(MI)
	Italia	
	Tel. +39 02 906981	
	Fax +39 02 90698999	
e-mail address of the competent person responsible for the Safety Data Sheet	schedesicurezza@maimeri.it	
Product distribution by	INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY	
1.4. Emergency telephone number		
For urgent inquiries refer to	Australia : 131126 USA: 1 800 222 1222 Regno Unito NHS Direct (UK): +44 (0) 845 46 47	
SECTION 2. Hazards identification.		
2.1. Classification of the substance or mixture.		
The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		
2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.		
Hazard classification and indication:	--	
2.2. Label elements.		
Hazard pictograms:	--	
Signal words:	--	
Hazard statements:	--	
Precautionary statements:	--	
2.3. Other hazards.		
Information not available.		
SECTION 3. Composition/information on ingredients.		
3.1. Substances.		
Information not relevant.		
3.2. Mixtures.		
The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB BURNT UMBER	16492
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB BURNT UMBER	16492	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	DEEP BROWN
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	52,55 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.**MB BURNT UMBER****16492**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB BURNT UMBER****16492****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

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Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB RAW UMBER	16493	

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **16493**
Product name **MB RAW UMBER** **16493**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI) Italia**
Tel. **+39 02 906981**
Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maireri.it**

Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY**

1.4. Emergency telephone number

For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB RAW UMBER	16493	
SECTION 4. First aid measures.		
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>		
SECTION 5. Firefighting measures.		
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>		
SECTION 6. Accidental release measures.		
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>		
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INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 3 / 6**MB RAW UMBER****16493****SECTION 8. Exposure controls/personal protection.****8.1. Control parameters.**

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Appearance	paste
Colour	DEEP BROWN
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	45,98 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.**10.1. Reactivity.**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.

Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6

MB RAW UMBER**16493****SECTION 15. Regulatory information. ... / >>**

Substances in Candidate List (Art. 59 REACH).
None.

Substances subject to authorisation (Annex XIV REACH).
None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.

Substances subject to the Rotterdam Convention:
None.

Substances subject to the Stockholm Convention:
None.

Healthcare controls.
Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
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- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
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- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
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- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

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6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
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INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**MB RAW UMBER****16493****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
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14. ECHA website

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This document must not be regarded as a guarantee on any specific product property.

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Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 1 / 6
MB PAYNE'S GREY	16514	

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **16514**
 Product name **MB PAYNE'S GREY** **16514**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
 Full address **Via Gianni Maimeri, 1**
 District and Country **20060 Mediglia (MI) Italia**
 Tel. **+39 02 906981**
 Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maireri.it**

Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY**

1.4. Emergency telephone number

For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 2 / 6
MB PAYNE'S GREY 16514	
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
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INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 18/6/2014 Printed on 18/6/2014 Page n. 3 / 6
MB PAYNE'S GREY	16514	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	GREY BLUE
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	58,33 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.**MB PAYNE'S GREY****16514**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

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- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
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INDUSTRIA MAIMERI S.P.A.**MB PAYNE'S GREY****16514**Revision nr.1
Dated 18/6/2014
Printed on 18/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

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12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.
MB IVORY BLACK 16535

Revision nr.1
 Dated 19/6/2014
 Printed on 19/6/2014
 Page n. 1 / 6

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **16535**
 Product name **MB IVORY BLACK 16535**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
 Full address **Via Gianni Maimeri, 1**
 District and Country **20060 Mediglia (MI) Italia**
 Tel. **+39 02 906981**
 Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maireri.it**

Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY**

1.4. Emergency telephone number

For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 19/6/2014 Printed on 19/6/2014 Page n. 2 / 6
MB IVORY BLACK	16535
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 19/6/2014
Printed on 19/6/2014
Page n. 3 / 6**MB IVORY BLACK****16535****SECTION 8. Exposure controls/personal protection.****8.1. Control parameters.**

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Appearance	paste
Colour	black
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	30.000/40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	50,33 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.**10.1. Reactivity.**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 19/6/2014 Printed on 19/6/2014 Page n. 4 / 6
MB IVORY BLACK	16535	
SECTION 10. Stability and reactivity. ... / >>		
10.5. Incompatible materials. Information not available.		
10.6. Hazardous decomposition products. Information not available.		
SECTION 11. Toxicological information.		
According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.		
11.1. Information on toxicological effects. Information not available.		
SECTION 12. Ecological information.		
Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.		
12.1. Toxicity. Information not available.		
12.2. Persistence and degradability. Information not available.		
12.3. Bioaccumulative potential. Information not available.		
12.4. Mobility in soil. Information not available.		
12.5. Results of PBT and vPvB assessment. On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.		
12.6. Other adverse effects. Information not available.		
SECTION 13. Disposal considerations.		
13.1. Waste treatment methods. Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.		
SECTION 14. Transport information.		
The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.		
SECTION 15. Regulatory information.		
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture. <u>Seveso category.</u> None. <u>Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006.</u> None.		

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