| INDUSTRIA I   | MAIMER   | RI S.P.A.   | Revision nr.39<br>Dated 29/07/2022<br>Printed on 14/07/2023                     |
|---|--|---|---|
| 03167 - CLASSICO OIL COLO   | OURS 0   | 3167 Alizarin Car   | Page n. 1 / 8<br>Replaced revision:38 (Dated 18/10/2021)                        |
|   | Info   | ormation Shee   | et  |
| SECTION 1. Identification of the s  | substance/mi   | ixture and of the co  | mpany/undertaking   |
| 1.1. Product identifier   |  |   |   |
| Code:<br>Product name   | 03167<br>CLASSICO  | OIL COLOURS 0316  | 7 Alizarin Carmine  |
| 1.2. Relevant identified uses of the substance  | e or mixture and u   | ses advised against   |   |
| Intended use  |  |   | recommended unless an assessment is se which shows that the risk is controlled. |
| 1.3. Details of the supplier of the safety data s   | sheet  |   |   |
| Name<br>Full address<br>District and Country  | INDUSTRI/<br>Via Gianni<br>20076   | A MAIMERI S.P.A.<br>Maimeri, 1<br>Mediglia<br>Italia                                | (MI)  |
|   | Tel.<br>Fax  | +39 02 906981<br>+39 02 90698999  |   |
| e-mail address of the competent person<br>responsible for the Safety Data Sheet   | schedesic  | urezza@maimeri.it   |   |
|   |  |   |   |
| Supplier:   | INDUSTRIA<br>ITALY   | A MAIMERI S.P.A. VIA G.M  | AIMERI 1 20076 BETTOLINO DI MEDIGLIA (MI)                                       |
| Supplier: 1.4. Emergency telephone number   |  | A MAIMERI S.P.A. VIA G.M  | AIMERI 1 20076 BETTOLINO DI MEDIGLIA (MI)                                       |
|   | ITALY<br>Australia :<br>USA: 1800  | 131126  |   |
| 1.4. Emergency telephone number   | ITALY<br>Australia :<br>USA: 1800  | 131126<br>0 222 1222  |   |
| <b>1.4. Emergency telephone number</b><br>For urgent inquiries refer to   | ITALY<br>Australia :<br>USA: 1 80<br>Regno Uni   | 131126<br>0 222 1222  |   |
| 1.4. Emergency telephone number<br>For urgent inquiries refer to<br>SECTION 2. Hazards identification   | ITALY<br>Australia :<br>USA: 1 80<br>Regno Uni<br>e  | 131126<br>0 222 1222<br>to NHS Direct (UK): +44 (0                                  | ) 845 46 47   |
| <ul> <li>1.4. Emergency telephone number</li> <li>For urgent inquiries refer to</li> <li>SECTION 2. Hazards identification</li> <li>2.1. Classification of the substance or mixture</li> <li>The product is not classified as hazardous put</li> </ul>  | ITALY<br>Australia :<br>USA: 1 80<br>Regno Uni<br>e  | 131126<br>0 222 1222<br>to NHS Direct (UK): +44 (0                                  | ) 845 46 47   |
| <ul> <li>1.4. Emergency telephone number</li> <li>For urgent inquiries refer to</li> <li>SECTION 2. Hazards identification</li> <li>2.1. Classification of the substance or mixture<br/>The product is not classified as hazardous pur<br/>amendments and supplements).</li> </ul>  | ITALY<br>Australia :<br>USA: 1 80<br>Regno Uni<br>e  | 131126<br>0 222 1222<br>to NHS Direct (UK): +44 (0                                  | ) 845 46 47   |
| <ul> <li>1.4. Emergency telephone number</li> <li>For urgent inquiries refer to</li> <li>SECTION 2. Hazards identification</li> <li>2.1. Classification of the substance or mixture<br/>The product is not classified as hazardous pur<br/>amendments and supplements).</li> <li>Hazard classification and indication:</li> </ul>   | ITALY<br>Australia :<br>USA: 1 80<br>Regno Uni<br>e  | 131126<br>0 222 1222<br>to NHS Direct (UK): +44 (0                                  | ) 845 46 47   |
| <ul> <li>1.4. Emergency telephone number For urgent inquiries refer to SECTION 2. Hazards identification 2.1. Classification of the substance or mixture The product is not classified as hazardous pur amendments and supplements). Hazard classification and indication: 2.2. Label elements</li></ul>  | ITALY<br>Australia :<br>USA: 1 80<br>Regno Uni<br>e  | 131126<br>0 222 1222<br>to NHS Direct (UK): +44 (0                                  | ) 845 46 47   |
| <b>1.4. Emergency telephone number</b> For urgent inquiries refer to <b>SECTION 2. Hazards identification 2.1. Classification of the substance or mixture</b> The product is not classified as hazardous puramendments and supplements).         Hazard classification and indication: <b>2.2. Label elements</b> Hazard pictograms:  | ITALY<br>Australia :<br>USA: 1 80<br>Regno Uni<br>e  | 131126<br>0 222 1222<br>to NHS Direct (UK): +44 (0                                  | ) 845 46 47   |
| <b>1.4. Emergency telephone number</b> For urgent inquiries refer to <b>SECTION 2. Hazards identification 2.1. Classification of the substance or mixture</b> The product is not classified as hazardous puramendments and supplements).         Hazard classification and indication: <b>2.2. Label elements</b> Hazard pictograms:          Signal words:   | ITALY<br>Australia :<br>USA: 1 80<br>Regno Uni<br>e  | 131126<br>0 222 1222<br>to NHS Direct (UK): +44 (0                                  | ) 845 46 47   |
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| <b>1.4. Emergency telephone number</b> For urgent inquiries refer to <b>SECTION 2. Hazards identification 2.1. Classification of the substance or mixture</b> The product is not classified as hazardous put amendments and supplements).         Hazard classification and indication: <b>2.2. Label elements</b> Hazard pictograms:          Signal words:          Hazard statements:          Precautionary statements:   | ITALY<br>Australia :<br>USA: 1 80<br>Regno Uni<br>e<br>rsuant to the provis<br>                        | 131126<br>0 222 1222<br>to NHS Direct (UK): +44 (0<br>sions set forth in EC Regulat | ) 845 46 47<br>ion 1272/2008 (CLP) (and subsequent                              |
| <b>1.4. Emergency telephone number</b> For urgent inquiries refer to <b>SECTION 2. Hazards identification 2.1. Classification of the substance or mixture</b> The product is not classified as hazardous puramendments and supplements).         Hazard classification and indication: <b>2.1. Label elements</b> Hazard pictograms:          Signal words:          Precautionary statements: <b>2.3. Other hazards</b>  | ITALY Australia : USA: 1 80 Regno Uni  rsuant to the provis bes not contain any                        | 131126<br>0 222 1222<br>to NHS Direct (UK): +44 (0<br>sions set forth in EC Regulat | ) 845 46 47<br>ion 1272/2008 (CLP) (and subsequent                              |
| <b>1.4. Emergency telephone number</b> For urgent inquiries refer to <b>SECTION 2. Hazards identification 2.1. Classification of the substance or mixture</b> The product is not classified as hazardous put amendments and supplements).         Hazard classification and indication: <b>2.2. Label elements</b> Hazard pictograms:          Signal words:          Hazard statements:          Precautionary statements: <b>2.3. Other hazards</b> On the basis of available data, the product doe | ITALY Australia : USA: 1 80 Regno Uni  e rsuant to the provis bes not contain any n endocrine disrupti | 131126<br>0 222 1222<br>to NHS Direct (UK): +44 (0<br>sions set forth in EC Regulat | ) 845 46 47<br>ion 1272/2008 (CLP) (and subsequent                              |

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### 3.2. Mixtures

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and supplements) in such quantities as to require the statement.

## **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

Specific information on symptoms and effects caused by the product are unknown.

### 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.

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# **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

# **SECTION 8. Exposure controls/personal protection**

## 8.1. Control parameters

Information not available

## 8.2. Exposure controls

Comply with the safety measures usually applied when handling chemical substances.

HAND PROTECTION None required. SKIN PROTECTION None required. EYE PROTECTION None required.

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529. ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

### **SECTION 9.** Physical and chemical properties

# 9.1. Information on basic physical and chemical properties

| Properties                     |   | Value                   | Information |  |
|--------------------------------|---|-------------------------|-------------|--|
| Appearance                     |   | paste                   |             |  |
| Colour                         |   | PURPLE RED              |             |  |
| Odour                          |   | characteristic          |             |  |
| Odour threshold                |   | not applicable          |             |  |
| Melting point / freezing point |   | not applicable          |             |  |
| Initial boiling point          |   | not available           |             |  |
| Boiling range                  |   | not applicable          |             |  |
| Flammability                   |   | not applicable          |             |  |
| Lower explosive limit          |   | not applicable          |             |  |
| Upper explosive limit          |   | not applicable          |             |  |
| Flash point                    | > | 60 <sup>''</sup> °C     |             |  |
| Auto-ignition temperature      |   | not applicable          |             |  |
| Decomposition temperature      |   | not applicable          |             |  |
| pH H                           |   | not applicable          |             |  |
| Kinematic viscosity            |   | not available           |             |  |
| Dynamic viscosity              |   | 3.500.000-4.500.000 cps |             |  |

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| SECTION 9. Physical and chemical properties       / >>         Solubility       INSOLUBLE, DILUTE WITH<br>WHITE SPIRIT         Partition coefficient: n-octanol/water       not applicable         Vapour pressure       not applicable         Density and/or relative density       1,45         Relative vapour density       not applicable         Particle characteristics       not applicable         9.2. Other information       9.2.1. Information with regard to physical hazard classes         Information not available       1 |
|--|
| WHITE SPIRIT Partition coefficient: n-octanol/water not applicable Vapour pressure not applicable Density and/or relative density 1,45 Relative vapour density not applicable Particle characteristics not applicable 9.2. Other information 9.2.1. Information with regard to physical hazard classes   |
| 9.2.1. Information with regard to physical hazard classes  |
|  |
| Information not available  |
|  |
| 9.2.2. Other safety characteristics  |
| Evaporation ratenot applicableVOC (Directive 2010/75/EU)0,05 % - 0,73g/litreVOC (volatile carbon)0,05 % - 0,73g/litreExplosive propertiesnot applicableOxidising propertiesnot applicable  |
| 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.  |
| 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 hazard classes as defined in Regulation (EC) No 1272/2008   |
| Metabolism, toxicokinetics, mechanism of action and other information  |
| Information not available  |
| Information on likely routes of exposure   |
| Information not available  |
| Delayed and immediate effects as well as chronic effects from short and long-term exposure   |

Information not available

Interactive effects

Information not available

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| SECTION 11. Toxicological information / >>  |   |  |
| ACUTE TOXICITY  |   |  |
| ATE (Inhalation) of the mixture:<br>ATE (Oral) of the mixture:<br>ATE (Dermal) of the mixture:                      | Not classified (no significant component)<br>Not classified (no significant component)<br>Not classified (no significant component) |  |
| SKIN CORROSION / IRRITATION   |   |  |
| Does not meet the classification criteria for this hazard class   |   |  |
| SERIOUS EYE DAMAGE / IRRITATION   |   |  |
| Does not meet the classification criteria for this hazard class   |   |  |
| RESPIRATORY OR SKIN SENSITISATION   |   |  |
| Does not meet the classification criteria for this hazard class   |   |  |
| GERM CELL MUTAGENICITY  |   |  |
| Does not meet the classification criteria for this hazard class   |   |  |
| CARCINOGENICITY   |   |  |
| Does not meet the classification criteria for this hazard class   |   |  |
| REPRODUCTIVE TOXICITY   |   |  |
| Does not meet the classification criteria for this hazard class   |   |  |
| STOT - SINGLE EXPOSURE  |   |  |
| Does not meet the classification criteria for this hazard class   |   |  |
| STOT - REPEATED EXPOSURE  |   |  |
| Does not meet the classification criteria for this hazard class   |   |  |
| ASPIRATION HAZARD   |   |  |
| Does not meet the classification criteria for this hazard class   |   |  |
| 11.2. Information on other hazards  |   |  |
| Based on the available data, the product does not contain su disruptors with human health effects under evaluation. | ibstances listed in the main European lists c   | of potential or suspected endocrine                            |
| SECTION 12. Ecological information  |   |  |
| Use this product according to good working practices. Avoid<br>or contaminate soil or vegetation.                   | littering. Inform the competent authorities, s  | hould the product reach waterways                              |
| 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  |   |  |
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SECTION 12. Ecological information ... / >>

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  $\geq$  than 0,1%.

# 12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

# 12.7. 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. 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.

### 14.1. UN number or ID number

not applicable

### 14.2. UN proper shipping name

not applicable

## 14.3. Transport hazard class(es)

not applicable

### 14.4. Packing group

not applicable

### 14.5. Environmental hazards

not applicable

### 14.6. Special precautions for user

not applicable

# 14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

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| of applicable  ubstances in Candidate List (Art. 59 REACH)  p) the basis of available data, the product does not contain any SVHC in percentage ≥ than 0,1%.  bubstances subject to authorisation (Annex XIV REACH)  fore  ubstances subject to exportation reporting pursuant to Regulation (EU) 649/2012:  fore  ubstances subject to the Rotterdam Convention:  fore  ubstances subject to the Rotterdam Convention:  fore  ubstances subject to the Rotterdam Convention:  fore  bubstances subject to the Stockhoim Convention:  fore  co   | CTION 15. Regulatory information   |  |
|--|--|--|
| Exercitions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006<br>Contained substance<br>Point 75<br>Segulation (EU) 2019/1140 - on the marketing and use of explosives precursors<br>or applicable<br>substances in Candidate List (Art. 59 REACH)<br>In the basis of available data, the product does not contain any SVHC in percentage > than 0,1%.<br>Substances subject to authorisation (Annex XIV REACH)<br>One<br>Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:<br>Jone<br>Substances subject to the Rotterdam Convention:<br>Jone<br>Substances subject to the Rotterdam Convention:<br>Jone<br>Substances subject to the Stockholm Convention:<br>Jone<br>Substances Jone<br>Substances Jone<br>Subject Subject Jone<br>Substances Jone<br>Subject Subject Jone<br>Subject Subject Jone<br>Subject | Safety, health and environmental regulations/legislation specific for the substance or mixture   |  |
| Contained substance Point 75  tegulation (EU) 2019/1148 - on the marketing and use of explosives precursors of applicable Ubstances in Candidate List (Art. 59 REACH) The basis of available data, the product does not contain any SVHC in percentage 2 than 0,1%. Ubstances subject to authorisation (Annex XIV REACH) Tore Ubstances subject to exportation reporting pursuant to Regulation (EU) 649/2012: Ubstances subject to the Rotterdam Convention: Ione Ubstances subject to the Stockholm Convention: Ione Ubstances subject to the Stockholm Convention: Ione Easibility of the Stockholm Convention Easibility of the Ione Easibil   | eveso Category - Directive 2012/18/EU: None  |  |
| Contained substaince Point 75 Segulation (EU) 2019/1148 - on the marketing and use of explosives precursors of applicable Ubstainces in Candidate List (Art. 59 REACH) The basis of available data, the product does not contain any SVHC in percentage 2 than 0,1%. Substainces subject to authorisation (Annex XIV REACH) Tore Substainces subject to exportation reporting pursuant to Regulation (EU) 649/2012: Substainces subject to the Rotterdam Convention: Substainces subject to the Rotterdam Convention: Substainces subject to the Rotterdam Convention: Substainces subject to the Stockholm Convention: Substainces Stockholm Convention: Substainces Stockholm Convention: Substainces Subject Stockholm Convention: Substainces Subject Stockholm Convention: Substainces Subject Stockholm Convention: Subject Stockholm Con   | estrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006  |  |
| Sn the basis of available data, the product does not contain any SVHC in percentage ≥ than 0,1%. Substances subject to authorisation (Annex XIV REACH)   | Contained substance  |  |
| None Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:   |  |  |
| None Substances subject to the Rotterdam Convention: None Substances subject to the Rotterdam Convention: None Substances subject to the Stockholm Convention: None None Convention: None: None Convention: None Convention: None C   |  |  |
| None Substances subject to the Stockholm Convention: None Healthcare controls Information not available 2. Chemical safety assessment A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3. CTTION 16. Other information LEGEND: ADR: European Agreement concerning the carriage of Dangerous goods by Road ATE: Acute Toxicity Estimate CAS: Chemical Abstract Sevice Number CES0: Effective concentration (required to induce a 50% effect) CB: Identifier in ESIS (European archive of existing substances) CDF: Regulation (EC) 1272/2008 DNEL: Derived No Effect Level EmS: Energency Schedule CS0: International Maritime Code for dangerous goods Regulation (ES0: International Maritime Code for dangerous goods (IMC) International Maritime Code for dangerous goods (IMC) International Maritime Code for dangerous goods (IMC) Enternational Maritime Code for dangerous goods (IMC) International Maritime Code for dangerous goods (IMC) (IMC) International Maritime Code for dangerous goods (IMC) (IM   |  |  |
| None Substances subject to the Rotterdam Convention: None Substances subject to the Rotterdam Convention: None Substances subject to the Stockholm Convention: None Substances subject to the Stockholm Convention: None Conversion Con   | ubstances subject to exportation reporting pursuant to Regulation (EU) 649/2012:   |  |
| Substances subject to the Stockholm Convention:<br>None Healthcare controls Information not available 2. Chemical safety assessment A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3. ECTION 16. Other information LEGEND: A Chemical Agreement concerning the carriage of Dangerous goods by Road A Chemical Agreement concerning the carriage of Dangerous goods by Road A Chemical Agreement concerning the carriage of Dangerous goods by Road A Chemical Astract Service Number CSS0: Effective concentration (required to induce a 50% effect) CE: Udentifier in ESIS (European archive of existing substances) CDP: Regulation (EC) 1272/2008 E NOIL: Derived No Effect Level E Service International Maritime Code for dangerous goods Regulation CGS0: International Maritime Code for dangerous goods Regulation CGS0: International Maritime Code for dangerous goods Regulation CGS0: International Maritime Code for dangerous goods E NOIL: Iternational Maritime Code for dangerous goods CGS0: International Maritime Code for dangerous goods CGS0: Lethal Concentration 50% CGS0: Lethal Concentration 50% CGS0: Lethal Concentration 50% CGS0: Lethal Concentration 50% CGS0: Lethal Concentration CGS0: Lethal Concentration CGS0: Concentration CGS0: Concentration CGS0: Concentration CGS0: Concentration CGS0: CGS0: CGS0 CGS0: C   |  |  |
| None Healthcare controls Information not available 2. Chemical safety assessment A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3. ECTION 16. Other information LEGEND: ADR: European Agreement concerning the carriage of Dangerous goods by Road ATE: Acute Toxicity Estimate CAS: Chemical Astract Service Number CSS: Effective concentration (required to induce a 50% effect) CSS: Effective concentration (required to induce a 50% effect) CI: Identifier in ESIS (European archive of existing substances) OCF: Editorie Concentration (required to induce a 50% effect) CI: CB: Identifier in ESIS (European archive of existing substances) OCF: CB: Effective concentration (required to induce a 50% effect) CI: CB: Identifier in ESIS (European archive of existing substances) OCF: Regulation (EC) 1272/2008 DNEL: Derived No Effect Level Ems: Emergency Schedule CHS: Sitched and AIT Transport Association and labeling of chemicals CHAT ADGR: International Maritime Code for dagerous goods HOC: International Maritime Code for concentration HE: CPredicted environmental Concentration HE: Predicted environmen   | · · · · · · · · · · · · · · · · · · ·  |  |
| <ul> <li>- CE: Identifier in ESIS (European archive of existing substances)</li> <li>- CLP: Regulation (EC) 1272/2008</li> <li>- DNEL: Derived No Effect Level</li> <li>- EmS: Emergency Schedule</li> <li>- GHS: Globally Harmonized System of classification and labeling of chemicals</li> <li>- IATA DGR: International Air Transport Association Dangerous Goods Regulation</li> <li>- IC50: Immobilization Concentration 50%</li> <li>- IMDG: International Maritime Code for dangerous goods</li> <li>- IMDG: International Maritime Code for dangerous goods</li> <li>- IMDG: International Maritime Code for dangerous goods</li> <li>- IMDC: International Maritime Concentration 50%</li> <li>- LD50: Lethal Concentration 50%</li> <li>- DC1: Occupational Exposure Level</li> <li>- PBT: Persistent bioaccumulative and toxic as REACH Regulation</li> <li>- PEC: Predicted environmental Concentration</li> <li>- PEC: Predicted environmental Concentration</li> <li>- PEC: Predicted no effect concentration</li> <li>- RED: Regulation concerning the international transport of dangerous goods by train</li> <li>- TLV: Threshold Limit Value</li> <li>- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.</li> <li>- TWA STEL: Short-term exposure limit</li> </ul>   | one  |  |
| Healthcare controls<br>Information not available 2. Chemical safety assessment A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3. CTION 16. Other information UEGEND: ADR: European Agreement concerning the carriage of Dangerous goods by Road ATE: Acute Toxicily Estimate CAS: Chemical Abstract Service Number CSO: Effective concentration (required to induce a 50% effect) CSO: Chemical Abstract Service Number CSO: Effective concentration (required to induce a 50% effect) CIP: Regulation (EG) 1272/2008 DNEL: Derived No Effect Level EmS: Emergency Schedule CHS: Silvedule CHS  |  |  |
| Information not available 2. Chemical safety assessment A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3. ECTION 16. Other information EEGEND: A DR: European Agreement concerning the carriage of Dangerous goods by Road ATE: Acute Toxicity Estimate CAS: Chemical Abstract Service Number CE50: Effective concentration (required to induce a 50% effect) CE: Identifier in ESIS (European archive of existing substances) CI:P: Regulation (EC) 1272/2008 DNEL: Derived No Effect Level EmS: Emergency Schedule CH3: Globally Harmonized System of classification and labeling of chemicals TAT A DGR. International Arit Transport Association Dangerous Goods Regulation ICS0: International Maritime Craganization NDCE: International Maritime Corganization NDCE: International Maritime Corganization NDCE: International Maritime Corganization NDCE: International Exposure Level LS50: Lethal Concentration 50% OEL: Occupational Exposure Level PST: Persistent bioaccounduitive and toxic as REACH Regulation PEC: Predicted environmental Concentration PEL: Predicted environmental Concentration PE   | one  |  |
| 2. chemical safety assessment A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.   CTION 16. Other information  LEGEND:  ADR: European Agreement concerning the carriage of Dangerous goods by Road ATE: Acute Toxicity Estimate  CAS: Chemical Abstract Service Number  CSD: Effective concentration (required to induce a 50% effect)  CCE: Identifier in ESIS (European anchive of existing substances)  CDF: Regulation (EC) 1272/2008  DNEL: Derived No Effect Level Ems: Emergency Schedule EMS: Enternational Air Transport Association and labeling of chemicals  HATA DGR: International Air Transport Association Dangerous Goods Regulation  CSO: Immobilization Concentration of dangerous goods  HMG: International Maritime Code for dangerous goods  HMG: International INC Code HOMENT (COMENTIAL)  HE: Pr   |  |  |
| A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.   | formation not available  |  |
| LEGEND:         ADR: European Agreement concerning the carriage of Dangerous goods by Road         ATE: Acute Toxicity Estimate         CAS: Chemical Abstract Service Number         CES0: Effective concentration (required to induce a 50% effect)         CE: Identifier in ESIS (European archive of existing substances)         OLP: Regulation (EC) 127/2008         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         ICS0: Immobilization Concentration 50%         IMDC: International Maritime Organization         INDEX: Identifier in Annex VI of CLP         LCS0: Lethal Concentration 50%         LDDEX: Identifier in Annex VI of CLP         CEC: Oreclupational Exposure Level         PBT: Persistent bioaccumulative and toxic as REACH Regulation         PEC: Predicted environmental Concentration         PEC: Predicted no effect Concentration         PEC: Predicted no effect Concentration         PEC: Predicted no effect Concentration         REACH: Regulation (EC) 1307/2006         RID: Regulation concerning the international transport of dangerous goods by train         TLV: Threshold Limit Value         TLV: CEILING: Concontration that should not be exceeded during   | -  |  |
| ADR: European Agreement concerning the carriage of Dangerous goods by Road<br>ATE: Acute Toxicity Estimate<br>CAS: Chemical Abstract Service Number<br>(CE5: Identifier in ESIS (European archive of existing substances)<br>CE: Identifier in ESIS (European archive of existing substances)<br>CE: Identifier in ESIS (European archive of existing substances)<br>CE: Regulation (EC) 1272/2008<br>DNEL: Derived No Effect Level<br>EmS: Emergency Schedule<br>GHS: Globally Harmonized System of classification and labeling of chemicals<br>IATA DGR: International Air Transport Association Dangerous Goods Regulation<br>(IGS): Immobilization Concentration 50%<br>IMDG: International Maritime Code for dangerous goods<br>IMDC: International Maritime Code for dangerous goods<br>INDC: International Maritime Organization<br>INDEX: Identifier in Annex VI of CLP<br>LC50: Lethal Concentration 50%<br>OEL: Occupational Exposure Level<br>PBT: Persistent bioaccumulative and toxic as REACH Regulation<br>PEC: Predicted exposure Level<br>PBT: Persistent bioaccumulative and toxic as REACH Regulation<br>PEC: Predicted exposure Level<br>PBT: Predicted exposure Level<br>PBT: Predicted exposure Level<br>PBT: Predicted exposure Level<br>PBT: Predicted exposure Level<br>PEC: Predicted exposure Level<br>PEC: Predicted exposure Level<br>PEC: Predicted exposure Level<br>PHEC: Predicted exposure Level<br>PHEC: Predicted exposure Level<br>TVV: Threshold Limit Value<br>TLV: CEILING: Concentration that should not be exceeded during any time of occupational exposure.<br>TVV & CEILING: Concentration that should not be exceeded during any time of occupational exposure.<br>TWA STEL: Short-term exposure limit   | chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.   |  |
| ATE: Acute Toxicity Estimate<br>CAS: Chemical Abstract Service Number<br>CE50: Effective concentration (required to induce a 50% effect)<br>CE: Identifier in ESIS (European archive of existing substances)<br>CLP: Regulation (EC) 1272/2008<br>DNEL: Derived No Effect Level<br>EmS: Emergency Schedule<br>GHS: Globally Harmonized System of classification and labeling of chemicals<br>IATA DGR: International Air Transport Association Dangerous Goods Regulation<br>ICS0: Immobilization Concentration 50%<br>IMDG: International Maritime Code for dangerous goods<br>IMO: International Maritime Organization<br>INDEX: Identifier in Annex VI of CLP<br>LC50: Lethal Concentration 50%<br>LD50: Lethal Concentration 50%<br>DEL: Occupational Exposure Level<br>PBT: Persistent bioaccumulative and toxic as REACH Regulation<br>PEC: Predicted environmental Concentration<br>REACH: Regulation (EC) 1907/2006<br>RID: Regulation (EC) 1907/2006<br>RID: Regulation (EC) 1907/2006<br>RID: Regulation concerning the international transport of dangerous goods by train<br>TLV: Threshold Limit Value<br>TLV CELLING: Concentration that should not be exceeded during any time of occupational exposure.<br>TWA STEL: Short-term exposure limit   | chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.   |  |
| <ul> <li>CAS: Chemical Ab<sup>s</sup>tract Service Number</li> <li>CES: Identifier in ESIS (European archive of existing substances)</li> <li>CE: Identifier in ESIS (European archive of existing substances)</li> <li>CLP: Regulation (EC) 1272/2008</li> <li>DNEL: Derived No Effect Level</li> <li>EmS: Emergency Schedule</li> <li>GHS: Globally Harmonized System of classification and labeling of chemicals</li> <li>IATA DGR: International Air Transport Association Dangerous Goods Regulation</li> <li>ICS0: Immobilization Concentration 50%</li> <li>IMDG: International Maritime Code for dangerous goods</li> <li>IMDG: International Maritime Organization</li> <li>INDEX: Identifier in Annex VI of CLP</li> <li>LoS50: Lethal Concentration 50%</li> <li>CLC: Ocupational Exposure Level</li> <li>PBT: Persistent bioaccumulative and toxic as REACH Regulation</li> <li>PEC: Predicted environmental Concentration</li> <li>PEC: Predicted no effect concentration</li> <li>REACH: Regulation (EC) 1907/2006</li> <li>RID: Regulation concerning the international transport of dangerous goods by train</li> <li>TLV: Threshold Limit Value</li> <li>TLV: CEILING: Concentration that should not be exceeded during any time of occupational exposure.</li> <li>TWA STEL: Short-term exposure limit</li> </ul>  | chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.   |  |
| <ul> <li>- CE50: Effective concentration (required to induce a 50% effect)</li> <li>- CE: Identifier in ESIS (European archive of existing substances)</li> <li>- CLP: Regulation (EC) 1272/2008</li> <li>- DNEL: Derived No Effect Level</li> <li>- BmS: Emergency Schedule</li> <li>- GHS: Globally Harmonized System of classification and labeling of chemicals</li> <li>- IATA DGR: International Air Transport Association Dangerous Goods Regulation</li> <li>- IC50: Immobilization Concentration 50%</li> <li>- IMDG: International Maritime Code for dangerous goods</li> <li>- IMOC: International Maritime Code for dangerous goods</li> <li>- IMOC: International Maritime Code for dangerous goods</li> <li>- IMDC: International Maritime Code for dangerous goods</li> <li>- IMOC: International Maritime Code for dangerous goods</li> <li>- ECS0: Lethal Concentration 50%</li> <li>- DEL: Occupational Exposure Level</li> <li>- PET: Predicted environmental Concentration</li> <li>- PEC: Predicted environmental Concentration</li> <li>- PEL: Predicted environmental Concentration</li> <li>- PEC: Predicted no effect concentration</li> <li>- REACH: Regulation (EC) 1907/2006</li> <li>- RID: Regulation concerning the international transport of dangerous goods by train</li> <li>- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.</li> <li>- TWA STEL: Short-term exposure limit</li> <li>- TWA STEL: Short-term exposure limit</li> </ul>  | chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3. CTION 16. Other information EGEND: ADR: European Agreement concerning the carriage of Dangerous goods by Road   |  |
| <ul> <li>EmS: Emergency Schedule</li> <li>GHS: Globally Harmonized System of classification and labeling of chemicals</li> <li>IATA DGR: International Air Transport Association Dangerous Goods Regulation</li> <li>ICS0: Immobilization Concentration 50%</li> <li>IMDG: International Maritime Code for dangerous goods</li> <li>IMD: International Maritime Organization</li> <li>INDEX: Identifier in Annex VI of CLP</li> <li>LCS0: Lethal Concentration 50%</li> <li>OEL: Occupational Exposure Level</li> <li>PBT: Persistent bioaccumulative and toxic as REACH Regulation</li> <li>PEC: Predicted environmental Concentration</li> <li>PEC: Predicted environmental Concentration</li> <li>REACH: Regulation (EC) 1907/2006</li> <li>RID: Regulation concerning the international transport of dangerous goods by train</li> <li>TLV: Threshold Limit Value</li> <li>TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.</li> <li>TWA STEL: Short-term exposure limit</li> </ul>  | chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3. CTION 16. Other information EGEND: ADR: European Agreement concerning the carriage of Dangerous goods by Road ATE: Acute Toxicity Estimate  |  |
| <ul> <li>DNEL: Derived No Effect Level</li> <li>EmS: Emergency Schedule</li> <li>GHS: Globally Harmonized System of classification and labeling of chemicals</li> <li>IATA DGR: International Air Transport Association Dangerous Goods Regulation</li> <li>IC50: Immobilization Concentration 50%</li> <li>IMDG: International Maritime Code for dangerous goods</li> <li>IMO: International Maritime Cognization</li> <li>INDEX: Identifier in Annex VI of CLP</li> <li>LC50: Lethal Concentration 50%</li> <li>OEL: Occupational Exposure Level</li> <li>PBT: Persistent bioaccumulative and toxic as REACH Regulation</li> <li>PEC: Predicted environmental Concentration</li> <li>PNEC: Predicted no effect concentration</li> <li>RED: PREC: Predicted no effect concentration</li> <li>RED: Regulation concerning the international transport of dangerous goods by train</li> <li>TLV: Threshold Limit Value</li> <li>TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.</li> <li>TWA: Time-weighted average exposure limit</li> </ul>   | chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.<br><b>CTION 16. Other information</b><br>EGEND:<br>ADR: European Agreement concerning the carriage of Dangerous goods by Road<br>ATE: Acute Toxicity Estimate<br>CAS: Chemical Abstract Service Number  |  |
| <ul> <li>EmS: Emergency Schedule</li> <li>GHS: Globally Harmonized System of classification and labeling of chemicals</li> <li>IATA DGR: International Air Transport Association Dangerous Goods Regulation</li> <li>ICS0: Immobilization Concentration 50%</li> <li>IMDG: International Maritime Code for dangerous goods</li> <li>IMD: International Maritime Organization</li> <li>INDEX: Identifier in Annex VI of CLP</li> <li>LCS0: Lethal Concentration 50%</li> <li>OEL: Occupational Exposure Level</li> <li>PBT: Persistent bioaccumulative and toxic as REACH Regulation</li> <li>PEC: Predicted environmental Concentration</li> <li>PEC: Predicted environmental Concentration</li> <li>REACH: Regulation (EC) 1907/2006</li> <li>RID: Regulation concerning the international transport of dangerous goods by train</li> <li>TLV: Threshold Limit Value</li> <li>TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.</li> <li>TWA STEL: Short-term exposure limit</li> </ul>  | chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.<br><b>CTION 16. Other information</b><br>EGEND:<br>ADR: European Agreement concerning the carriage of Dangerous goods by Road<br>ATE: Acute Toxicity Estimate<br>CAS: Chemical Abstract Service Number<br>CE50: Effective concentration (required to induce a 50% effect)<br>CE: Identifier in ESIS (European archive of existing substances)   |  |
| <ul> <li>GHS: Globally Harmonized System of classification and labeling of chemicals</li> <li>IATA DGR: International Air Transport Association Dangerous Goods Regulation</li> <li>IC50: Immobilization Concentration 50%</li> <li>IMDG: International Maritime Code for dangerous goods</li> <li>IMO: International Maritime Organization</li> <li>INDEX: Identifier in Annex VI of CLP</li> <li>LC50: Lethal Concentration 50%</li> <li>OEL: Occupational Exposure Level</li> <li>PBT: Persistent bioaccumulative and toxic as REACH Regulation</li> <li>PEC: Predicted environmental Concentration</li> <li>PEL: Predicted exposure level</li> <li>PNEC: Predicted no effect concentration</li> <li>REACH: Regulation (EC) 1907/2006</li> <li>RID: Regulation concerning the international transport of dangerous goods by train</li> <li>TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.</li> <li>TWA: Time-weighted average exposure limit</li> <li>TWA STEL: Short-term exposure limit</li> <li>VOC: Volatile organic Compounds</li> </ul>   | chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.<br><b>CTION 16. Other information</b><br>EGEND:<br>ADR: European Agreement concerning the carriage of Dangerous goods by Road<br>ATE: Acute Toxicity Estimate<br>CAS: Chemical Abstract Service Number<br>CE50: Effective concentration (required to induce a 50% effect)<br>CE: Identifier in ESIS (European archive of existing substances)<br>CLP: Regulation (EC) 1272/2008   |  |
| <ul> <li>IC50: Immobilization Concentration 50%</li> <li>IMDG: International Maritime Code for dangerous goods</li> <li>IMO: International Maritime Organization</li> <li>INDEX: Identifier in Annex VI of CLP</li> <li>LC50: Lethal Concentration 50%</li> <li>DEJ: Occupational Exposure Level</li> <li>PBT: Persistent bioaccumulative and toxic as REACH Regulation</li> <li>PEC: Predicted environmental Concentration</li> <li>PEC: Predicted exposure level</li> <li>PNEC: Predicted no effect concentration</li> <li>REACH: Regulation (EC) 1907/2006</li> <li>RID: Regulation concerning the international transport of dangerous goods by train</li> <li>TLV: Threshold Limit Value</li> <li>TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.</li> <li>TWA STEL: Short-term exposure limit</li> </ul>  | chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.<br><b>CTION 16. Other information</b><br>EGEND:<br>ADR: European Agreement concerning the carriage of Dangerous goods by Road<br>ATE: Acute Toxicity Estimate<br>CAS: Chemical Abstract Service Number<br>CE50: Effective concentration (required to induce a 50% effect)<br>CE: Identifier in ESIS (European archive of existing substances)<br>CLP: Regulation (EC) 1272/2008<br>DNEL: Derived No Effect Level  |  |
| <ul> <li>IMDG: International Maritime Code for dangerous goods</li> <li>IMD: International Maritime Organization</li> <li>INDEX: Identifier in Annex VI of CLP</li> <li>LC50: Lethal Concentration 50%</li> <li>LD50: Lethal dose 50%</li> <li>OEL: Occupational Exposure Level</li> <li>PBT: Persistent bioaccumulative and toxic as REACH Regulation</li> <li>PEC: Predicted environmental Concentration</li> <li>PEL: Predicted exposure level</li> <li>PNEC: Predicted no effect concentration</li> <li>REACH: Regulation (EC) 1907/2006</li> <li>RID: Regulation concerning the international transport of dangerous goods by train</li> <li>TLV: Threshold Limit Value</li> <li>TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.</li> <li>TWA STEL: Short-term exposure limit</li> </ul>   | chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3. CTION 16. Other information EGEND: ADR: European Agreement concerning the carriage of Dangerous goods by Road ATE: Acute Toxicity Estimate CAS: Chemical Abstract Service Number CE50: Effective concentration (required to induce a 50% effect) CE: Identifier in ESIS (European archive of existing substances) CLP: Regulation (EC) 1272/2008 DNEL: Derived No Effect Level EmS: Emergency Schedule GHS: Globally Harmonized System of classification and labeling of chemicals  |  |
| <ul> <li>IMO: International Maritime Organization</li> <li>INDEX: Identifier in Annex VI of CLP</li> <li>LC50: Lethal Concentration 50%</li> <li>LD50: Lethal dose 50%</li> <li>OEL: Occupational Exposure Level</li> <li>PBT: Persistent bioaccumulative and toxic as REACH Regulation</li> <li>PEC: Predicted environmental Concentration</li> <li>PEL: Predicted environmental Concentration</li> <li>PEC: Predicted no effect concentration</li> <li>REACH: Regulation (EC) 1907/2006</li> <li>RID: Regulation concerning the international transport of dangerous goods by train</li> <li>TLV: Threshold Limit Value</li> <li>TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.</li> <li>TWA STEL: Short-term exposure limit</li> </ul>  | chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.  CTION 16. Other information  EGEND: ADR: European Agreement concerning the carriage of Dangerous goods by Road ATE: Acute Toxicity Estimate CAS: Chemical Abstract Service Number CE50: Effective concentration (required to induce a 50% effect) CE: Identifier in ESIS (European archive of existing substances) CLP: Regulation (EC) 1272/2008 DNEL: Derived No Effect Level EmS: Emergency Schedule GHS: Globally Harmonized System of classification and labeling of chemicals ATA DGR: International Air Transport Association Dangerous Goods Regulation  |  |
| <ul> <li>LC50: Lethal Concentration 50%</li> <li>LD50: Lethal dose 50%</li> <li>OEL: Occupational Exposure Level</li> <li>PBT: Persistent bioaccumulative and toxic as REACH Regulation</li> <li>PEC: Predicted environmental Concentration</li> <li>PEL: Predicted exposure level</li> <li>PNEC: Predicted no effect concentration</li> <li>REACH: Regulation (EC) 1907/2006</li> <li>RID: Regulation concerning the international transport of dangerous goods by train</li> <li>TLV: Threshold Limit Value</li> <li>TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.</li> <li>TWA: Time-weighted average exposure limit</li> <li>TWA STEL: Short-term exposure limit</li> </ul>   | chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.<br>CTION 16. Other information<br>EGEND:<br>ADR: European Agreement concerning the carriage of Dangerous goods by Road<br>ATE: Acute Toxicity Estimate<br>CAS: Chemical Abstract Service Number<br>CE50: Effective concentration (required to induce a 50% effect)<br>CE: Identifier in ESIS (European archive of existing substances)<br>CLP: Regulation (EC) 1272/2008<br>DNEL: Derived No Effect Level<br>EmS: Emergency Schedule<br>GHS: Globally Harmonized System of classification and labeling of chemicals<br>ATA DGR: International Air Transport Association Dangerous Goods Regulation<br>C50: Immobilization Concentration 50%   |  |
| <ul> <li>LD50: Lethal dose 50%</li> <li>OEL: Occupational Exposure Level</li> <li>PBT: Persistent bioaccumulative and toxic as REACH Regulation</li> <li>PEC: Predicted environmental Concentration</li> <li>PEL: Predicted exposure level</li> <li>PNEC: Predicted no effect concentration</li> <li>REACH: Regulation (EC) 1907/2006</li> <li>RID: Regulation concerning the international transport of dangerous goods by train</li> <li>TLV: Threshold Limit Value</li> <li>TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.</li> <li>TWA STEL: Short-term exposure limit</li> </ul>  | chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.<br><b>CTION 16. Other information</b><br>EGEND:<br>ADR: European Agreement concerning the carriage of Dangerous goods by Road<br>ATE: Acute Toxicity Estimate<br>CAS: Chemical Abstract Service Number<br>CE50: Effective concentration (required to induce a 50% effect)<br>CE: Identifier in ESIS (European archive of existing substances)<br>CLP: Regulation (EC) 1272/2008<br>DNEL: Derived No Effect Level<br>EmS: Emergency Schedule<br>GHS: Globally Harmonized System of classification and labeling of chemicals<br>ATA DGR: International Air Transport Association Dangerous Goods Regulation<br>(50: Immobilization Concentration 50%<br>MDG: International Maritime Code for dangerous goods  |  |
| <ul> <li>OEL: Occupational Exposure Level</li> <li>PBT: Persistent bioaccumulative and toxic as REACH Regulation</li> <li>PEC: Predicted environmental Concentration</li> <li>PEL: Predicted exposure level</li> <li>PNEC: Predicted no effect concentration</li> <li>REACH: Regulation (EC) 1907/2006</li> <li>RID: Regulation concerning the international transport of dangerous goods by train</li> <li>TLV: Threshold Limit Value</li> <li>TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.</li> <li>TWA STEL: Short-term exposure limit</li> </ul>   | chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3. CTION 16. Other information EGEND: ADR: European Agreement concerning the carriage of Dangerous goods by Road ATE: Acute Toxicity Estimate CAS: Chemical Abstract Service Number CE50: Effective concentration (required to induce a 50% effect) CE: Identifier in ESIS (European archive of existing substances) CLP: Regulation (EC) 1272/2008 DNEL: Derived No Effect Level EMS: Emergency Schedule GHS: Globally Harmonized System of classification and labeling of chemicals ATA DGR: International Air Transport Association Dangerous Goods Regulation (C50: Immobilization Concentration 50%) MDG: International Maritime Code for dangerous goods MO: International Maritime Organization NDEX: Identifier in Annex VI of CLP   |  |
| <ul> <li>PBT: Persistent bioaccumulative and toxic as REACH Regulation</li> <li>PEC: Predicted environmental Concentration</li> <li>PEL: Predicted exposure level</li> <li>PNEC: Predicted no effect concentration</li> <li>REACH: Regulation (EC) 1907/2006</li> <li>RID: Regulation concerning the international transport of dangerous goods by train</li> <li>TLV: Threshold Limit Value</li> <li>TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.</li> <li>TWA STEL: Short-term exposure limit</li> </ul>   | chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.<br><b>CTION 16. Other information</b><br>EGEND:<br>ADR: European Agreement concerning the carriage of Dangerous goods by Road<br>ATE: Acute Toxicity Estimate<br>CAS: Chemical Abstract Service Number<br>CE50: Effective concentration (required to induce a 50% effect)<br>CE: Identifier in ESIS (European archive of existing substances)<br>CLP: Regulation (EC) 1272/2008<br>DNEL: Derived No Effect Level<br>EmS: Emergency Schedule<br>GHS: Globally Harmonized System of classification and labeling of chemicals<br>ATA DGR: International Air Transport Association Dangerous Goods Regulation<br>C50: Immobilization Concentration 50%<br>IMDG: International Maritime Organization<br>IMDEX: Identifier in Annex VI of CLP<br>LC50: Lethal Concentration 50%   |  |
| <ul> <li>PEC: Predicted environmental Concentration</li> <li>PEL: Predicted exposure level</li> <li>PNEC: Predicted no effect concentration</li> <li>REACH: Regulation (EC) 1907/2006</li> <li>RID: Regulation concerning the international transport of dangerous goods by train</li> <li>TLV: Threshold Limit Value</li> <li>TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.</li> <li>TWA STEL: Short-term exposure limit</li> </ul>  | chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.<br><b>CTION 16. Other information</b><br>EGEND:<br>ADR: European Agreement concerning the carriage of Dangerous goods by Road<br>ATE: Acute Toxicity Estimate<br>CAS: Chemical Abstract Service Number<br>CE50: Effective concentration (required to induce a 50% effect)<br>CE: Identifier in ESIS (European archive of existing substances)<br>CLP: Regulation (EC) 1272/2008<br>DNEL: Derived No Effect Level<br>EmS: Emergency Schedule<br>GHS: Globally Harmonized System of classification and labeling of chemicals<br>ATA DGR: International Air Transport Association Dangerous Goods Regulation<br>C50: Immobilization Concentration 50%<br>MDG: International Maritime Code for dangerous goods<br>MO: International Maritime Organization<br>NDEX: Identifier in Annex VI of CLP<br>C50: Lethal Concentration 50%   |  |
| <ul> <li>- PNEC: Predicted no effect concentration</li> <li>- REACH: Regulation (EC) 1907/2006</li> <li>- RID: Regulation concerning the international transport of dangerous goods by train</li> <li>- TLV: Threshold Limit Value</li> <li>- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.</li> <li>- TWA: Time-weighted average exposure limit</li> <li>- TWA STEL: Short-term exposure limit</li> </ul>  | chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.  CTION 16. Other information  EGEND:  ADR: European Agreement concerning the carriage of Dangerous goods by Road ATE: Acute Toxicity Estimate CAS: Chemical Abstract Service Number CE50: Effective concentration (required to induce a 50% effect) CE: Identifier in ESIS (European archive of existing substances) CLP: Regulation (EC) 1272/2008 DNEL: Derived No Effect Level EmS: Emergency Schedule GHS: Globally Harmonized System of classification and labeling of chemicals ATA DGR: International Air Transport Association Dangerous Goods Regulation C50: Immobilization Concentration 50% MDG: International Maritime Code for dangerous goods MO: International Maritime Organization INDEX: Identifier in Annex VI of CLP LC50: Lethal Concentration 50% DED: Occupational Exposure Level   |  |
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| <ul> <li>TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.</li> <li>TWA: Time-weighted average exposure limit</li> <li>TWA STEL: Short-term exposure limit</li> </ul>   | chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.  CTION 16. Other information  EGEND: ADR: European Agreement concerning the carriage of Dangerous goods by Road ATE: Acute Toxicity Estimate CAS: Chemical Abstract Service Number CE50: Effective concentration (required to induce a 50% effect) CE: Identifier in ESIS (European archive of existing substances) CLP: Regulation (EC) 1272/2008 DNEL: Derived No Effect Level Em8: Emergency Schedule GHS: Globally Harmonized System of classification and labeling of chemicals ATA DGR: International Air Transport Association Dangerous Goods Regulation G50: Immobilization Concentration 50% MDG: International Maritime Organization NDEX: Identifier in Annex VI of CLP L550: Lethal Concentration 50% D50: Lethal  |  |
| - TWA: Time-weighted average exposure limit<br>- TWA STEL: Short-term exposure limit   | chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.  CTION 16. Other information  EGEND: ADR: European Agreement concerning the carriage of Dangerous goods by Road ATE: Acute Toxicity Estimate CAS: Chemical Abstract Service Number CES0: Effective concentration (required to induce a 50% effect) CE: Identifier in ESIS (European archive of existing substances) CLP: Regulation (EC) 1272/2008 DNEL: Derived No Effect Level EMS: Emergency Schedule GHS: Globally Harmonized System of classification and labeling of chemicals ATA DGR: International Air Transport Association Dangerous Goods Regulation (SO: Immobilization Concentration 50% MDG: International Maritime Organization NDEX: Identifier in Annex VI of CLP LC50: Lethal Concentration 50% DDEL: Occupational Exposure Level PET: Persistent bioaccumulative and toxic as REACH Regulation PEC: Predicted environmental Concentration PEC: Predicted environmental Concentration PEC: Predicted no effect concentration REACH: Regulation (EC) 1907/2006 RD: Regulation (EC) 1907/2006 RD: Regulation concerning the international transport of dangerous goods by train  |  |
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#### 03167 - CLASSICO OIL COLOURS 03167 Alizarin Carmine

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### SECTION 16. Other information ... / >>

- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation - WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

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- 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
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- Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
   Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
- 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
- 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
- 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
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- 22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
- The Merck Index. 10th Edition
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- INRS Fiche Toxicologique (toxicological sheet)
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- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals Ministry of Health and ISS (Istituto Superiore di Sanità) Italy

### 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.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

Changes to previous review: The following sections were modified: 02/09/11/12/15/16.

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