

**Safety Data Sheet****Crayons**

Date of issue: 5/7/2020  
according to the United Nations GHS (Rev. 6, 2015)

Version: 1.0  
SDS number: SHAH01210544

**SECTION 1: Identification****1.1. GHS Product identifier**

Product form : Mixture  
Trade name : Crayons

**1.2. Other means of identification**

No additional information available

**1.3. Recommended use of the chemical and restrictions on use**

Recommended use : Toy model for children, 3+

**1.4. Supplier's details****Applicant**

Melissa & Doug, LLC, (Shenzhen office )  
UNIT 2H, BLOCK 210 TAI RAN, INDUSTRIAL ZONE SHENNAN XI, ROAD,  
FUTIAN DISTRICT, SHENZHEN, CHINA.  
T +86-755 83419700 F +86-755 83309301

**1.5. Emergency phone number**

No additional information available

**SECTION 2: Hazard identification****2.1. Classification of the substance or mixture****Classification according to the United Nations GHS**

Not classified

Adverse physicochemical, human health and environmental effects : To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice

**2.2. GHS Label elements, including precautionary statements****Labelling according to the United Nations GHS**

No labelling applicable

**2.3. Other hazards which do not result in classification**

No additional information available

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

Not applicable

**3.2. Mixtures**

Name	Product identifier	%
<b>Green</b>		
PARAFFIN	(CAS-No.) 8002-74-2	66.3
Stearic acid	(CAS-No.) 57-11-4	20
Beeswax	(CAS-No.) 8006-40-4	6
CERA MICROCRISTALLINA	(CAS-No.) 63231-60-7	5
Petrolatum	(CAS-No.) 8009-03-8	2
C.I. Pigment Green 7	(CAS-No.) 1328-53-6	0.5
POTASSIUM SORBATE	(CAS-No.) 590-00-1	0.2
<b>Brown</b>		
PARAFFIN	(CAS-No.) 8002-74-2	66.3

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Stearic acid	(CAS-No.) 57-11-4	20
Beeswax	(CAS-No.) 8006-40-4	6
CERA MICROCRISTALLINA	(CAS-No.) 63231-60-7	5
Petrolatum	(CAS-No.) 8009-03-8	2
POTASSIUM SORBATE	(CAS-No.) 590-00-1	0.2
C.I. Pigment Yellow 100	(CAS-No.) 12225-21-7	0.2
C.I. Pigment Red 48 : 2	(CAS-No.) 7023-61-2	0.2
C.I. Acid Blue 9, aluminium salt (3:2)	(CAS-No.) 53026-57-6	0.1

**SECTION 4: First-aid measures**

**4.1. Description of necessary first-aid measures**

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
 First-aid measures after skin contact : Wash skin with plenty of water.  
 First-aid measures after eye contact : Rinse eyes with water as a precaution.  
 First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

**4.2. Most important symptoms/effects, acute and delayed**

No additional information available

**4.3. Indication of immediate medical attention and special treatment needed, if necessary**

Treat symptomatically.

**SECTION 5: Fire-fighting measures**

**5.1. Suitable extinguishing media**

Suitable extinguishing media : Water spray. Dry powder. Foam.

**5.2. Specific hazards arising from the chemical**

Hazardous decomposition products in case of fire : Toxic fumes may be released.

**5.3. Special protective actions for fire-fighters**

Protective equipment for firefighters : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**6.1.1. For non-emergency personnel**

Emergency procedures : Ventilate spillage area.

**6.1.2. For emergency responders**

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

**6.2. Environmental precautions**

Avoid release to the environment.

**6.3. Methods and materials for containment and cleaning up**

Methods for cleaning up : Mechanically recover the product.  
 Other information : Dispose of materials or solid residues at an authorized site.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
 Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

**7.2. Conditions for safe storage, including any incompatibilities**

Storage conditions : Store in a well-ventilated place. Keep cool.

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**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

No additional information available

**8.2. Appropriate engineering controls**

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

**8.3. Individual protection measures, such as personal protective equipment (PPE)**

Hand protection : Protective gloves

Eye protection : Safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

**8.4. Exposure limit values for the other components**

No additional information available

**SECTION 9: Physical and chemical properties****9.1. Basic physical and chemical properties**

Physical state	: Solid
Colour	: Green,Brown
Odour	: Distinct odor.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not applicable
Boiling point	: Not available
Flammability (solid, gas)	: Non flammable.
Explosive limits	: Not applicable
Lower explosive limit (LEL)	: Not applicable
Upper explosive limit (UEL)	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not available
pH	: Not available
pH solution	: Not available
Viscosity, kinematic (calculated value) (40 °C)	: Not applicable
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: Not available
Relative density	: Not available
Relative vapour density at 20 °C	: Not applicable
Solubility	: Insoluble in water.
Particle size	: Not available
Particle size distribution	: Not available
Particle shape	: Not available
Particle aspect ratio	: Not available
Particle specific surface area	: Not available

**9.2. Data relevant with regard to physical hazard classes (supplemental)**

No additional information available

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

The product is non-reactive under normal conditions of use, storage and transport.

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**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No dangerous reactions known under normal conditions of use.

**10.4. Conditions to avoid**

None under recommended storage and handling conditions (see section 7).

**10.5. Incompatible materials**

No additional information available

**10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

- Acute toxicity (oral) : Based on available data, the classification criteria are not met.
- Acute toxicity (dermal) : Based on available data, the classification criteria are not met.
- Acute toxicity (inhalation) : Based on available data, the classification criteria are not met.

**Stearic acid (57-11-4)**

LD50 oral rat	4600 mg/kg
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**C.I. Pigment Green 7 (1328-53-6)**

LD50 oral rat	> 5000 mg/kg
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**C.I. Pigment Red 48 : 2 (7023-61-2)**

LD50 oral rat	> 5000 mg/kg
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- Skin corrosion/irritation : Based on available data, the classification criteria are not met.
- Serious eye damage/irritation : Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation : Based on available data, the classification criteria are not met.
- Germ cell mutagenicity : Based on available data, the classification criteria are not met.
- Carcinogenicity : Based on available data, the classification criteria are not met.
- Reproductive toxicity : Based on available data, the classification criteria are not met.
- STOT-single exposure : Based on available data, the classification criteria are not met.
- STOT-repeated exposure : Based on available data, the classification criteria are not met.
- Aspiration hazard : Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information**

**12.1. Toxicity**

- Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
- Hazardous to the aquatic environment, short-term (acute) : Based on available data, the classification criteria are not met.
- Hazardous to the aquatic environment, long-term (chronic) : Based on available data, the classification criteria are not met.

**C.I. Pigment Green 7 (1328-53-6)**

LC50 fish 1	752.4 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
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**C.I. Pigment Red 48 : 2 (7023-61-2)**

LC50 fish 1	> 100 mg/l (Exposure time: 96 h - Species: Danio rerio [static])
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**12.2. Persistence and degradability**

**Crayons**

Persistence and degradability	No additional information available
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**12.3. Bioaccumulative potential**

**Crayons**

Bioaccumulative potential	No additional information available
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**C.I. Pigment Green 7 (1328-53-6)**

BCF fish 1	0.51 – 74
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**12.4. Mobility in soil**

**Crayons**

Mobility in soil	No additional information available
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**12.5. Other adverse effects**

Ozone	: Not classified
Other adverse effects	: No additional information available

**SECTION 13: Disposal considerations**

**13.1. Disposal methods**

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

**SECTION 14: Transport information**

In accordance with IMDG / IATA / UN RTDG

UN RTDG	IMDG	IATA
<b>14.1. UN number</b>		
Not regulated for transport		
<b>14.2. UN Proper Shipping Name</b>		
Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>		
Not regulated	Not regulated	Not regulated
Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>		
Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>		
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No
No supplementary information available		

**14.6. Special precautions for user**

- **UN RTDG**  
Not regulated

- **IMDG**  
Not regulated

- **IATA**  
Not regulated

**14.7. Transport in bulk according to IMO instruments**

Not applicable

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**SECTION 15: Regulatory information**

**15.1. Safety, health and environmental regulations specific for the product in question**

**PARAFFIN (8002-74-2)**

Listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA)  
 Listed on the Canadian DSL (Domestic Substances List)  
 Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
 Listed on the AICS (Australian Inventory of Chemical Substances)  
 Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
 Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
 Listed on the Japanese ISHL (Industrial Safety and Health Law)  
 Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
 Listed on NZIoC (New Zealand Inventory of Chemicals)  
 Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
 Listed on INSQ (Mexican National Inventory of Chemical Substances)  
 Listed on the TCSI (Taiwan Chemical Substance Inventory)

**Stearic acid (57-11-4)**

Listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA)  
 Listed on the Canadian DSL (Domestic Substances List)  
 Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
 Listed on the AICS (Australian Inventory of Chemical Substances)  
 Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
 Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
 Listed on the Japanese ISHL (Industrial Safety and Health Law)  
 Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
 Listed on NZIoC (New Zealand Inventory of Chemicals)  
 Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
 Listed on INSQ (Mexican National Inventory of Chemical Substances)  
 Listed on the TCSI (Taiwan Chemical Substance Inventory)

**Beeswax (8006-40-4)**

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
 Listed on the TCSI (Taiwan Chemical Substance Inventory)

**C.I. Pigment Green 7 (1328-53-6)**

Listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA)  
 Listed on the Canadian DSL (Domestic Substances List)  
 Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
 Listed on the AICS (Australian Inventory of Chemical Substances)  
 Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
 Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
 Listed on the Japanese ISHL (Industrial Safety and Health Law)  
 Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
 Listed on NZIoC (New Zealand Inventory of Chemicals)  
 Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
 Listed on the TCSI (Taiwan Chemical Substance Inventory)

**C.I. Pigment Yellow 100 (12225-21-7)**

Listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA)  
 Listed on the Canadian DSL (Domestic Substances List)  
 Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
 Listed on the AICS (Australian Inventory of Chemical Substances)  
 Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
 Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
 Listed on the Japanese ISHL (Industrial Safety and Health Law)  
 Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
 Listed on NZIoC (New Zealand Inventory of Chemicals)  
 Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
 Listed on the TCSI (Taiwan Chemical Substance Inventory)

**C.I. Pigment Red 48 : 2 (7023-61-2)**

Listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA)  
 Listed on the Canadian DSL (Domestic Substances List)  
 Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
 Listed on the AICS (Australian Inventory of Chemical Substances)  
 Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
 Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
 Listed on the Japanese ISHL (Industrial Safety and Health Law)  
 Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
 Listed on NZIoC (New Zealand Inventory of Chemicals)  
 Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
 Listed on INSQ (Mexican National Inventory of Chemical Substances)  
 Listed on the TCSI (Taiwan Chemical Substance Inventory)

**C.I. Acid Blue 9, aluminium salt (3:2) (53026-57-6)**

Listed on the TCSI (Taiwan Chemical Substance Inventory)

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### CERA MICROCRISTALLINA (63231-60-7)

Listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA)  
 Listed on the Canadian DSL (Domestic Substances List)

### Petrolatum (8009-03-8)

Listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA)  
 Listed on the Canadian DSL (Domestic Substances List)

### POTASSIUM SORBATE (590-00-1)

Listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA)  
 Listed on the Canadian DSL (Domestic Substances List)

## SECTION 16: Other information

Date of issue : 5/7/2020

IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
PBT	Persistent Bioaccumulative Toxic
SDS	Safety Data Sheet
NOAEL	No Observed Adverse Effect Level
EC50	Median effective concentration

SDS UN

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

**Safety Data Sheet****Marker**

Date of issue: 5/9/2020  
according to the United Nations GHS (Rev. 6, 2015)

Version: 1.0  
SDS number: SHAH01210608

**SECTION 1: Identification****1.1. GHS Product identifier**

Product form : Mixture  
Trade name : Marker

**1.2. Other means of identification**

No additional information available

**1.3. Recommended use of the chemical and restrictions on use**

Recommended use : Arts and Crafts

**1.4. Supplier's details**

MELISSA & DOUG LLC  
141 DANBURY ROAD WILTON, CONNECTICUT 06897 U.S.A  
T -

**1.5. Emergency phone number**

No additional information available

**SECTION 2: Hazard identification****2.1. Classification of the substance or mixture****Classification according to the United Nations GHS**

Not classified

Adverse physicochemical, human health and environmental effects : To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice

**2.2. GHS Label elements, including precautionary statements****Labelling according to the United Nations GHS**

No labelling applicable

**2.3. Other hazards which do not result in classification**

No additional information available

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

Not applicable

**3.2. Mixtures**

Name	Product identifier	%
Fuschia - #20		
Water	(CAS-No.) 7732-18-5	84.25
1,2-Propylene glycol	(CAS-No.) 57-55-6	15
POTASSIUM SORBATE	(CAS-No.) 590-00-1	0.5
C.I. Acid Red 52	(CAS-No.) 3520-42-1	0.15
CI 14720	(CAS-No.) 3567-69-9	0.1
Coffee - #6		
Water	(CAS-No.) 7732-18-5	84.25
1,2-Propylene glycol	(CAS-No.) 57-55-6	15
POTASSIUM SORBATE	(CAS-No.) 590-00-1	0.5
C.I. Acid Black 1	(CAS-No.) 1064-48-8	0.15



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CI 15985	(CAS-No.) 2783-94-0	0.05
CI 14720	(CAS-No.) 3567-69-9	0.05
LT Red - #18		
Water	(CAS-No.) 7732-18-5	84.25
1,2-Propylene glycol	(CAS-No.) 57-55-6	15
POTASSIUM SORBATE	(CAS-No.) 590-00-1	0.5
CI 14720	(CAS-No.) 3567-69-9	0.15
CI 15985	(CAS-No.) 2783-94-0	0.1
Yellow - #19		
Water	(CAS-No.) 7732-18-5	84.25
1,2-Propylene glycol	(CAS-No.) 57-55-6	15
POTASSIUM SORBATE	(CAS-No.) 590-00-1	0.5
CI 15985	(CAS-No.) 2783-94-0	0.25
Navy blue - #169		
Water	(CAS-No.) 7732-18-5	84.25
1,2-Propylene glycol	(CAS-No.) 57-55-6	15
POTASSIUM SORBATE	(CAS-No.) 590-00-1	0.5
CI 16035	(CAS-No.) 25956-17-6	0.16
CI 42090	(CAS-No.) 3844-45-9	0.04
Apple Green - #9		
Water	(CAS-No.) 7732-18-5	84.152
1,2-Propylene glycol	(CAS-No.) 57-55-6	15
POTASSIUM SORBATE	(CAS-No.) 590-00-1	0.5
CI 15985	(CAS-No.) 2783-94-0	0.33
CI 42090	(CAS-No.) 3844-45-9	0.018

**SECTION 4: First-aid measures**

**4.1. Description of necessary first-aid measures**

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
 First-aid measures after skin contact : Wash skin with plenty of water.  
 First-aid measures after eye contact : Rinse eyes with water as a precaution.  
 First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

**4.2. Most important symptoms/effects, acute and delayed**

No additional information available

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according to the United Nations GHS (Rev. 6, 2015)

**4.3. Indication of immediate medical attention and special treatment needed, if necessary**

Treat symptomatically.

**SECTION 5: Fire-fighting measures****5.1. Suitable extinguishing media**

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

**5.2. Specific hazards arising from the chemical**

Hazardous decomposition products in case of fire : Toxic fumes may be released.

**5.3. Special protective actions for fire-fighters**

Protective equipment for firefighters : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel**

Emergency procedures : Ventilate spillage area.

**6.1.2. For emergency responders**

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

**6.2. Environmental precautions**

Avoid release to the environment.

**6.3. Methods and materials for containment and cleaning up**

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

**7.2. Conditions for safe storage, including any incompatibilities**

Storage conditions : Store in a well-ventilated place. Keep cool.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

No additional information available

**8.2. Appropriate engineering controls**

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

**8.3. Individual protection measures, such as personal protective equipment (PPE)**

Hand protection : Protective gloves

Eye protection : Safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

**8.4. Exposure limit values for the other components**

No additional information available

**SECTION 9: Physical and chemical properties****9.1. Basic physical and chemical properties**

Physical state : Liquid

Colour : blue/yellow/brown/pink/green/red

Odour : Odorless

Odour threshold : Not available

Melting point : Not applicable

Freezing point : Not available

Boiling point : 100 °C - lit.

Flammability : Not Flammable

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Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 6.5-7.5
pH solution	: Not available
Viscosity, kinematic (calculated value) (40 °C)	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: 1,000 g/cm <sup>3</sup> at 3,98 °C
Relative density	: Not available
Relative vapour density at 20 °C	: Not available
Solubility	: Completely miscible
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle specific surface area	: Not applicable

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

Strong oxidizing agents

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Based on available data, the classification criteria are not met.
Acute toxicity (dermal)	: Based on available data, the classification criteria are not met.
Acute toxicity (inhalation)	: Based on available data, the classification criteria are not met.

1,2-Propylene glycol (57-55-6)	
LD50 oral rat	20 g/kg
LD50 dermal rabbit	20800 mg/kg

Skin corrosion/irritation	: Based on available data, the classification criteria are not met.
Serious eye damage/irritation	: Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	: Based on available data, the classification criteria are not met.
Germ cell mutagenicity	: Based on available data, the classification criteria are not met.
Carcinogenicity	: Based on available data, the classification criteria are not met.
Reproductive toxicity	: Based on available data, the classification criteria are not met.

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STOT-single exposure	: Based on available data, the classification criteria are not met.
STOT-repeated exposure	: Based on available data, the classification criteria are not met.
Aspiration hazard	: Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Based on available data, the classification criteria are not met.
Hazardous to the aquatic environment, long-term (chronic)	: Based on available data, the classification criteria are not met.

#### 1,2-Propylene glycol (57-55-6)

LC50 fish 1	51600 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
LC50 fish 2	41 – 47 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
EC50 96h algae (1)	19000 mg/l (Species: Pseudokirchneriella subcapitata)

#### 12.2. Persistence and degradability

##### Marker

Persistence and degradability	No additional information available
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#### 12.3. Bioaccumulative potential

##### Marker

Bioaccumulative potential	No additional information available
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#### 1,2-Propylene glycol (57-55-6)

BCF fish 1	< 1
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#### 12.4. Mobility in soil

##### Marker

Mobility in soil	No additional information available
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#### 12.5. Other adverse effects

Ozone	: Not classified
Other adverse effects	: No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
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### SECTION 14: Transport information

In accordance with IMDG / IATA / UN RTDG

UN RTDG	IMDG	IATA
<b>14.1. UN number</b>		
Not regulated for transport		
<b>14.2. UN Proper Shipping Name</b>		
Not regulated	Not regulated	Not regulated

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### 14.3. Transport hazard class(es)

Not regulated	Not regulated	Not regulated
Not regulated	Not regulated	Not regulated

### 14.4. Packing group

Not regulated	Not regulated	Not regulated
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### 14.5. Environmental hazards

Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No
No supplementary information available		

### 14.6. Special precautions for user

**- UN RTDG**

Not regulated

**- IMDG**

Not regulated

**- IATA**

Not regulated

### 14.7. Transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations specific for the product in question

#### Water (7732-18-5)

Listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA)  
 Listed on the Canadian DSL (Domestic Substances List)  
 Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
 Listed on the AICS (Australian Inventory of Chemical Substances)  
 Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
 Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
 Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
 Listed on NZIoC (New Zealand Inventory of Chemicals)  
 Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
 Listed on INSQ (Mexican National Inventory of Chemical Substances)  
 Listed on the TCSI (Taiwan Chemical Substance Inventory)

#### 1,2-Propylene glycol (57-55-6)

Listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA)  
 Listed on the Canadian DSL (Domestic Substances List)  
 Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
 Listed on the AICS (Australian Inventory of Chemical Substances)  
 Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
 Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
 Listed on the Japanese ISHL (Industrial Safety and Health Law)  
 Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
 Listed on NZIoC (New Zealand Inventory of Chemicals)  
 Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
 Listed on INSQ (Mexican National Inventory of Chemical Substances)  
 Listed on the TCSI (Taiwan Chemical Substance Inventory)

#### POTASSIUM SORBATE (590-00-1)

Listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA)  
 Listed on the Canadian DSL (Domestic Substances List)

#### C.I. Acid Red 52 (3520-42-1)

Listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA)  
 Listed on the Canadian DSL (Domestic Substances List)  
 Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
 Listed on the AICS (Australian Inventory of Chemical Substances)  
 Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
 Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
 Listed on the Japanese ISHL (Industrial Safety and Health Law)  
 Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
 Listed on NZIoC (New Zealand Inventory of Chemicals)  
 Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
 Listed on the TCSI (Taiwan Chemical Substance Inventory)

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### C.I. Acid Black 1 (1064-48-8)

Listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA)  
 Listed on the Canadian DSL (Domestic Substances List)  
 Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
 Listed on the AICS (Australian Inventory of Chemical Substances)  
 Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
 Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
 Listed on the Japanese ISHL (Industrial Safety and Health Law)  
 Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
 Listed on NZIoC (New Zealand Inventory of Chemicals)  
 Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
 Listed on the TCSI (Taiwan Chemical Substance Inventory)

### CI 14720 (3567-69-9)

Listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA)  
 Listed on the Canadian DSL (Domestic Substances List)

### CI 15985 (2783-94-0)

Listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA)  
 Listed on the Canadian DSL (Domestic Substances List)

### CI 16035 (25956-17-6)

Listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA)  
 Listed on the Canadian DSL (Domestic Substances List)

### CI 42090 (3844-45-9)

Listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA)  
 Listed on the Canadian DSL (Domestic Substances List)

## SECTION 16: Other information

Date of issue : 5/9/2020

IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
PBT	Persistent Bioaccumulative Toxic
SDS	Safety Data Sheet
NOAEL	No Observed Adverse Effect Level
EC50	Median effective concentration

SDS UN

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*