1. IDENTIFICATION

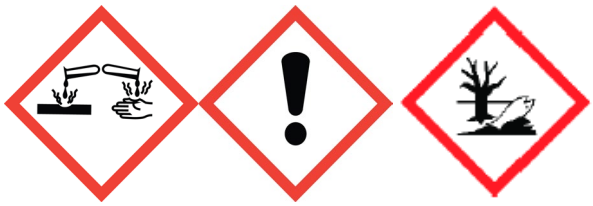
Product Name: White Musk Fragrance
Other Names:
Product Use Description: Fragrance for Consumer Product.
Contact Information:

Organisation	Location	Telephone	Ask For
Adelaide Moulding and Candle Supplies	7 Woodlands Terrace Edwardstown, South Australia, 5039	08 8294 0451	SDS Officer
Poisons Information Centre		13 11 26	

2. HAZARD IDENTIFICATION

Classification of Substance:
Flammable Liquid, Hazard Category 4
Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 1
Chronic Aquatic Toxicity Cat 2
Sensitization - Skin Category 1
Hazardous to the Aquatic Environment - Acute Hazard Category 2
Hazardous to the Aquatic Environment - Long-term Hazard Category 3
H227, Combustible liquid.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318, Causes serious eye damage.
H401, Toxic to aquatic life.
H412, Harmful to aquatic life with long lasting effects.

Hazard Pictograms:



Risk Phrases:
R36 Irritating to eyes
R38 Irritating to skin
R43 May cause sensitisation by skin contact.
R51 Toxic to aquatic organisms.
R53 May cause long-term adverse effects in the aquatic environment.

Hazard Statement(s):
H227, Combustible liquid.
H315, Causes skin irritation.
H317 May cause an allergic skin reaction.
H318, Causes serious eye damage.
H319 – Causes serious eye irritation.
H401, Toxic to aquatic life.
H411 – Toxic to aquatic life with long lasting effects.
H412, Harmful to aquatic life with long lasting effects.

Precautionary Statement(s):
Prevention:
P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P261 Avoid breathing vapour or dust.
P264 Wash hands and other contacted skin thoroughly after handling.
P272, Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.
P280 Wear protective gloves/eye protection/face protection.

Response:
P302/352, IF ON SKIN: Wash with plenty of soap and water.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310, Immediately call a POISON CENTER or doctor/physician.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P362, Take off contaminated clothing and wash before reuse.
P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P403/235, Store in a well-ventilated place. Keep cool.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Other Hazards: Hydrocarbon Concentration %: 0.0000%

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Contains:

NAME	CAS	%	GHS Classification
Benzyl acetate	140-11-4	5-<10%	Acute Tox. 5-Skin Irrit. 3-Aquatic Acute 2-Aquatic Chronic 3;H303-H316-H401-H412
alpha-iso-Methylionone	127-51-5	5-<10%	Skin Irrit. 2-Eye Irrit. 2B-Skin Sens. 1B-Aquatic Acute 2- Aquatic Chronic 2;H315-H317-H320-H411
diethyl benzene-1,2-dicarboxylate	84-66-2	30 - 60	-
hexyl cinnamic aldehyde	165184-98-5	< 10	H317, H400, H411
Geraniol	106-24-1	5-<10%	Acute Tox. 5-Skin Irrit. 2-Eye Dam. 1-Skin Sens. 1-Aquatic Acute 3;H303-H315-H317-H318-H402
3,7-dimethyl-6-octen-1-ol	106-22-9	<10	H315, H317, H319
Ethyl methylphenylglycidate	77-83-8	1-<5%	Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2; H317-H411
3,7-dimethyl-2,6-octadien-1-ol	106-24-1	<10	H315, H317, H318, H401
3-methyl-5-(2,2,3-trimethyl-1-cyclopent-3-enyl)pentan-2-ol	65113-99-7	<10	H316, H317, H319, H401, H411
(R)-p-mentha-1,8-diene	5989-27-5	<10	H226, H315, H317, H400, H410
Lauryl alcohol	112-53-8	1-<5%	Eye Irrit. 2A-Aquatic Acute 1;H319-H400
p-Methoxybenzaldehyde	123-11-5	1-<5%	Acute Tox. 5-Aquatic Acute 3;H303-H402
Citral	5392-40-5	0.1-<1%	Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2;H313-H315-H317-H319-H401
Coumarin	91-64-5	0.1-<1%	Acute Tox. 4-Skin Sens. 1B-Aquatic Acute 3;H302-H317-H402
Citronellol	106-22-9	0.1-<1%	Acute Tox. 5-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2;H303-H313-H315-H317-H319-H401

4. FIRST AID MEASURES

Inhalation: Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
Give plenty of water to drink. Seek medical attention if necessary.

Eye exposure: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin exposure:	IF ON SKIN: Wash with plenty of soap and water. Remove any contaminated clothing or shoes. Wash skin with soap and water. If irritation persists obtain medical advice.
Inhalation:	Remove from the exposure to fresh air. Contact a physician, as necessary.
Ingestion:	Rinse mouth with water and obtain medical attention.
Most important symptoms and effects, both acute and delayed:	Causes skin irritation. May cause an allergic skin reaction Causes serious eye damage.
Indication of any immediate medical attention and special treatment needed:	None expected.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Carbon dioxide, Dry chemical, Foam.
Special hazards arising from the substance or mixture **In case of fire, may be liberated:**	Carbon monoxide, Unidentified organic compounds.
Advice for firefighters:	In case of insufficient ventilation, wear suitable respiratory equipment.
Fire & Explosion Hazard:	In case of fire use foam, carbon dioxide (CO_2), or dry powder. Keep containers cool by spraying with water if exposed to fire. Wear self-contained breathing apparatus and protective suit. Dispose of fire debris and contaminated extinguishing water in accordance with local regulations. Do not use full water jet.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.
Environmental Precautions:	Keep away from drains, surface and ground water, and soil.
Methods and Suitable materials for containment and cleaning up:	Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.
Reference to other sections:	Also refer to sections 8 and 13.
Spills & Leaks:	Eliminate all ignition sources. Ventilate area. Contain spill and recover free product. Do not discharge product into drains, surface water or ground water. Absorb remainder on vermiculite or other suitable non-flammable absorbent material. Use of self-contained breathing apparatus is recommended for any major chemical spills. Place material and absorbent into sealed containers and dispose of in accordance with current applicable laws and regulation.

7. HANDLING AND STORAGE

Precautions for safe handing:	Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.
General Precautions:	Care should be taken to observe any precautions given on the container.
Handling:	Wash thoroughly after handling. Remove contaminated clothing and wash before re-use. Use only in a well-ventilated area. Ground and bond containers when transferring material. Use spark-proof tools and explosion-proof equipment. Avoid contact with eyes, skin, and clothing – always wear safety goggles. Empty containers retain product residue (liquid and/or vapour) and can be hazardous. Do not re-use empty containers. Avoid contact with heat, sparks, and flame. Do not pressurise, cut, weld, braze, solder, drill, grind, or expose containers to heat, sparks, or open flame.

Storage: Store in a tightly closed container. Keep away from heat, sparks, flame, and sources of light. Store in a cool, dry, well-ventilated area away from incompatible substances.

Other Precautions: Good manufacturing practices dictate that an eyewash fountain and/or safety shower should be available in the work area. Smoking and naked flames should not be permitted in areas where product is handled.

Conditions for safe storage, including incompatibilities: Store in a well-ventilated place. Keep container tightly closed. To prevent congealing and denaturing it is recommended that goods are stored at temperatures between 15 - 30°C. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Specific end use(s): Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace exposure limits:

CAS	Ingredient	Description	ppm	mg/m3	Reference
84-66-2	diethyl benzene-1,2-dicarboxylate	-	-	5	-
5989-27-5	(R)-p-mentha-1,8-diene	-	-	28	-
165184-98-5	hexyl cinnamic aldehyde	-	-		-

Workplace exposure limits: Not Applicable

Exposure Controls
Eye/Skin Protection: Wear protective gloves/eye protection/face protection

Respiratory Protection: Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.
Also refer to Sections 2 and 7.

E**ngineering Controls:** Not available.
Use NIOSH approved respirator.

Fire & Explosion Hazard: Keep away from heat and open flames.

Ventilation Protection: Use adequate general or local exhaust ventilation.

Eye Protection: Use goggles or face shields.

Skin Protection: Wear appropriate protective gloves to prevent skin exposure.

Clothing Protection: Wear appropriate protective clothing to prevent skin exposure.

Other Information: Avoid inhalation and contact with skin and eyes. Good hygiene practices should be used. Wash after any contact, before breaks and meals or using the toilet, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colourless - Faint Yellow
Odour: Fruity, Raspberry, Musk, Perfumistic
Odour threshold: Not determined
pH: Not determined
Melting point/freezing point: Not determined
Initial boiling point/ range: Not determined

Flash Point:	> 100 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limit:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Relative density:	0.9237 - 0.9377
Specific Gravity:	1.03 – 1.06
Solubility(ies):	Insoluble in water.
Partition coefficient: n-octanol/Water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Bulk density:	Not applicable
Explosive properties:	Not expected
Oxidising properties:	Not expected
Other information:	None available

10. STABILITY AND REACTIVITY

Reactivity:	Presents no significant reactivity hazard, by itself or in contact with water.
Chemical Stability:	Good stability under normal storage conditions.
Possibility of hazardous reactions:	Not expected under normal conditions of use.
Conditions to Avoid:	Heating, pressurising, and impacting product.
Incompatible materials:	Avoid contact with strong acids, alkalis, oxidising and reducing agents.
Hazardous Decomposition Products:	No hazardous decomposition products known.
Hazardous Reactions:	Has not been reported.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in UN GHS.

Acute toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral:	>5000
Acute Toxicity Dermal:	Not Applicable
Acute Toxicity Inhalation:	Not Available
Skin corrosion/irritation:	Skin Corrosion / Irritation Category 2
Serious eye damage/irritation:	Eye Damage / Irritation Category 1
Respiratory or skin sensitisation:	Sensitization - Skin Category 1
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.
Acute & Chronic health effects:	Chronic, prolonged exposure to the product concentrate may result in irreversible effects.
Possible routes of exposure:	
Ingestion:	Accidental swallowing is unlikely in the industrial setting. Harmful if swallowed.
Skin/eye exposure:	Contact with skin and eyes may result in irritation.
Inhalation:	Where this material is used at elevated temperatures vapour may cause irritation to mucous membranes and respiratory tract, headache, and nausea.
Range of effects following exposure:	Not available.
Dose concentration or	

conditions of exposure
likely to cause injury: Not available.
Delayed effects: Not available.
Relevant negative data: None available.

Information about hazardous ingredients in the mixture

Ingredient	CAS	LD50/ATE Oral (mg/kg)	LD50/ATE Dermal (mg/kg)	LC50/ATE Inhalation	LC50 Route
Benzyl acetate	140-11-4	2490	Not available	Not available	Not available
Geraniol	106-24-1	3600	Not available	Not available	Not available
Nerol	106-25-2	4500	Not available	Not available	Not available
p-Methoxybenzaldehyde	123-11-5	3210	Not available	Not available	Not available
diethyl benzene-1,2-dicarboxylate	84-66-2	8600	Not available	Not available	Not available
hexyl cinnamic aldehyde	165184-98-5	3100	Not available	Not available	Not available
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	54464-57-2	>5000	Not available	Not available	Not available
3,7-dimethyl-6-octen-1-ol	106-22-9	3450	Not available	Not available	Not available
3,7-dimethyl-2,6-octadien-1-ol	106-24-1	>3600	Not available	Not available	Not available
3-methyl-5-(2,2,3-trimethyl-1-cyclopent-3-enyl)pentan-2-ol	65113-99-7	6700	Not available	Not available	Not available
(R)-p-mentha-1,8-diene	5989-27-5	>5000	Not available	Not available	Not available

12. ECOLOGICAL INFORMATION

Toxicity: Harmful to aquatic life with long lasting effects.

Persistence and degradability: Not available

Bioaccumulative potential: Not available

Mobility in soil: Not available
Other adverse effects: Not available

diethyl benzene-1,2-dicarboxylate: Ecotoxicity:

LC50 - Oncorhynchus mykiss (rainbow trout) - 12.00 mg/l - 96 h
NOEC - Lepomis macrochirus (Bluegill) - 1.65 mg/l - 96 h
LC50 Daphnia magna (Water flea) – 90.0 mg/l - 48 h
EC50 Desmodesmus subspicatus (Scenedesmus subspicatus) - 23 mg/l - 72 h
Persistence and degradability:
Biodegradability: aerobic - Exposure time 28d, Result: > 94.6 % - Readily biodegradable.
Bioaccumulation Lepomis macrochirus (Bluegill) - 21 d -0.00942 mg/l

hexyl cinnamic aldehyde:

Acute aquatic toxicity:
$LE(C)_{50}$ 0.1 < L(E)C50 ≤ 1
M factor (Acute) 1
Acute toxicity - fish LC_{50}, 96 hours: 1.7 mg/l, Pimephales promelas (Fat-head Minnow) OECD 203. Acute toxicity - aquatic invertebrates EC_{50}, 48 hours: 0.247 mg/l, Daphnia magna OECD 202.
Acute toxicity - aquatic plants NOEC, 72 hours: 0.065 mg/l, Desmodesmus subspicatus OECD 201.
Acute toxicity microorganisms NOEC, 28 days: 32 mg/kg, Lumbriculus variegatus OECD 225.
Chronic aquatic toxicity:
Aquatic invertebrates NOEC, 21 days: 0.069 mg/l, Daphnia magna OECD 211.
Persistence and degradability: the substance is readily biodegradable.
Biodegradation Water - Degradation 97%: 28 days OECD 301 F.
Bioaccumulative potential: no data available on bioaccumulation.
Partition coefficient log Kow: 5.3
Mobility: The product is insoluble in water.
Adsorption/desorption coefficient Soil - Log Koc: 4.2 @ 25°C/77°F OECD 121.

1-(1,2,3,4,5,6,7,8- octahydro-2,3,8,8- tetramethyl-2- naphthyl)ethan-1-one:

Aquatic toxicity
Lepomis macrochirus, LC50 (96 h): 1.3 mg/L, Method: equivalent or similar to OECD Guideline 203 Daphnia magna,

EC50 (48 h): 1.38 mg/L, Method: equivalent or similar to OECD Guideline 202
Aquatic Chronic toxicity:
30d-LOEC and 30d-LC50 for body weight and length were found to be 0.29 and >0.30 mg/l respectively, in a study conducted on Danio rerio (fish) according to international guidelines (OPPTS 85.1400 / OECD Guideline 210) under GLP. 30d-NOEC was the NOEC for body weight and length.
21d-NOEC for reproduction of OTNE to Daphnia magna : 0.028 mg/l, OECD TG 211 (OPPTS 850.1300) in compliance with GLP
Persistence and degradability
Not readily biodegradable: 0% (BOD) / 11% (analysed test material concentration) in 28 days (OECD TG 301C).
Biodegradation in soil: Half-life in soil: 6 d at 22 °C
The substance is photodegradable in air. The rate constant for the gas phase reaction of OH radicals was estimated at 9.85*10-11cm3molecule-1s-1. Assuming a daylight period of 12 h and 2.0*106OH cm-3, the estimated atmospheric half-life is 1.4 hours. These data suggest that the atmospheric life time of substance is sufficiently short that it will not undergo long-range transport to any significant extent.
Bioaccumulative potential
Bioconcentration factor (BCF)
BCF: 391 (OECD TG 305, normalised to 5% fat)
Partition coefficient n-octanol/water (log PO/W)
Log Kow (Pow): 5.65 at 30 °C, method: OECD Guideline 117 (HPLC method) Based on the n-octanol/water partition coefficient accumulation in organisms is expected.
Mobility in soil
Log Koc: 4.12

3,7-dimethyl oct-6-en-1-ol:

LC50 Leuciscus idus (Golden orfe) - 10.0 - 22.0 mg/l - 96 h
Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia - 17.0 mg/l - 48 h
EC50 Algae 2.4 mg/l - 72 h
Further information on ecology:
Chemical Oxygen Demand (COD) 2,050 mg/g
Theoretical oxygen demand 2,961 mg/g
Ratio BOD/ThBOD >60%
Biodegradability Result: Readily biodegradable.
For 3,7-dimethyl-2,6-octadien-1-ol:
Static test LC50 - Danio rerio (zebra fish) - ca. 22 mg/l - 96 (OECD Test Guideline 203)
Immobilization EC50 - Daphnia magna (Water flea) - 10.8 mg/l - 48 h (OECD Test Guideline 202)
Growth inhibition EC50 - Desmodesmus subspicatus (green algae) - 13.1 mg/l - 72 h
Biodegradability aerobic Chemical oxygen demand - Exposure time 3 d Result: 80 - 100 % - Readily biodegradable. (OECD Test Guideline 301A)
Bioaccumulative potential: No data available

3-methyl-5-(2,2,3-trimethyl-1-cyclopent-3-enyl)pentan-2-ol:

EC50 Pseudokirchnerella subcapitata
> 17 mg/l, 72 hours Method: OECD Test Guideline 201
> 17 mg/l, 96 hours Method: OECD Test Guideline 201
8.2 mg/l, 96 hours Method: OECD Test Guideline 201
7.1 mg/l, 72 hours Method: OECD Test Guideline 201

EC50 Water flea (Daphnia magna) 1.1 mg/l/48hrs Method: OECD Test Guideline 202
LC50 Pimephales promelas 2.3 mg/l/96hrs Method: OECD Test Guideline 203
Mobility in soil: No data available
Bioconcentration factor (BCF): 117
For p-mentha-1,8-diene:
Flow-through test LC50 Pimephales promelas (fathead minnow) 0.72 mg/l - 96.0 h
Immobilization EC50 Daphnia Magna (Water flea) 0.36 mg/l - 48h
LC50 Eisenia foetida Savigny (Earthworm) 6.0 ppm/48hr
Sludge treatment EC50 3.94mg/l (OECD Test Guideline 209)
Persistence and degradability: 71% - Readily biodegradable (OECD Test Guideline 301B).
Bioaccumulative potential: No data available
Mobility in soil: No data available

benzyl 2-hydroxybenzoate:

LC50 for Fish: 1.03 mg/l - 96 h
EC50 for Daphnia: 1.70 mg/l - 48 h
LC50 Algae: 1.70 mg/l - 24 h
Biodegradability: Readily biodegradable (OECD 301 F)
For 1,2-benzopyrone:

LC50 Fish 2.94 mg/l - 96h
EC50 Daphnia magna – 24.3- <36.9 mg/l - 48h
EC50 Algae 1.45mg/l - 72h
Persistence and degradability:
Readily degradation (GLP testing report)
Bioaccumulative potential:
No bioaccumulative potential due to low Kow (Logkow=1.39).
Mobility in soil: Not likely due to low Kow (Logkow=1.39).
Results of PBT&vPvB assessment: The substance is not considered a PBT/vPvB.
Bioconcentration factor (BCF) <10 Leuciscus idus (Golden orfe) 3 days

13. DISPOSAL CONSIDERATIONS

Waste treatment methods: Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Disposal: Do not release into any sewers, on the ground, or into any body of water. For unused & uncontaminated product, the preferred options include sending to a licensed incinerator or other thermal destruction device. Disposal should be in accordance with federal, state, and local regulations.

14. TRANSPORT INFORMATION

	UN number	UN Proper Shipping Name	Transport hazard class(es)	Sub Risk	Packing Group
UN Model Regulations	Not classified	-	-	-	-
UN Proper Shipping Name	Not classified				
Class	Not classified				
IMDG	Not classified	-	-	-	-
Packing Group	Not classified				
ADR,RID,ADN	Not classified	-	-	-	-
Hazchem Code	Not classified				
ICAO TI	Not classified	-	-	-	-

Environmental Hazards: Not environmentally hazardous for transport

Special Precautions for user: None additional

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not classified

15. REGULATORY INFORMATION

All ingredients listed on AICS.

16. OTHER INFORMATION

Concentration % Limits: SCI 2=64.52% SCI 3=5.97% EDI 1=33.33% EDI 2A=10.15% SS 1=15.38% EH A2=56.82% EH A3=5.57% EH C3=20.92%

Total Fractional Values: SCI 2=1.55 SCI 3=16.75 EDI 1=3.00 EDI 2A=9.85 SS 1=6.50 EH A2=1.76 EH A3=17.97 EH C3=4.78

Key to abbreviations:

Abbreviation	Meaning
Acute Tox. 4	Acute Toxicity - Oral Category 4
Acute Tox. 5	Acute Toxicity - Oral Category 5
Acute Tox. 5	Acute Toxicity - Dermal Category 5
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the Aquatic Environment - Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the Aquatic Environment - Acute Hazard Category 3
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Aquatic Chronic 3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
Eye Dam. 1	Eye Damage / Irritation Category 1
Eye Irrit. 2A	Eye Damage / Irritation Category 2A
Eye Irrit. 2B	Eye Damage / Irritation Category 2B

H302	Harmful if swallowed.
H303	May be harmful if swallowed.
H313	May be harmful in contact with skin.
H315	Causes skin irritation.
H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H320	Causes eye irritation.
H400	Very toxic to aquatic life.
H401	Toxic to aquatic life.
H402	Harmful to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Irrit. 3	Skin Corrosion / Irritation Category 3
Skin Sens. 1	Sensitization - Skin Category 1
Skin Sens. 1B	Sensitization - Skin Category 1B

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.