



SAFETY DATA SHEET CALLITRIS INTRATROPICA

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

1.1. Product identifier

Product name	CALLITRIS INTRATROPICA
Product number	58887
Synonyms; trade names	PURE AUSTRALIAN BLUE CYPRESS OIL
CAS number	187348-13-6

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

Identified uses	Cosmetics
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1.3. Details of the supplier of the safety data sheet

Supplier	Univar Solutions UK Ltd Aquarius House 6 Mid Point Business Park Bradford BD3 7AY +44 1274 267300 +44 1274 267306 SDS@UnivarSolutions.com
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1.4. Emergency telephone number

Emergency telephone	SGS - +32 (0)3 575 55 55 (24h)
Sds No.	58887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317
Environmental hazards	Not Classified

2.2. Label elements

Hazard pictograms



Signal word	Warning
Hazard statements	H315 Causes skin irritation. H319 Causes serious eye irritation. H317 May cause an allergic skin reaction.

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Precautionary statements	P202 Do not handle until all safety precautions have been read and understood.
	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P302+P352 IF ON SKIN: Wash with plenty of water.
	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P501 Dispose of contents/ container in accordance with national regulations.

Contains	(E)-1-(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)-2-BUTEN-1-ONE
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2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

2-((3S,8S)-1,2,3,4,5,6,7,8-OCTAHYDRO-3,8-DIMETHYLAZULEN-5-YL)PROPAN-2-OL	10-30%
CAS number: 489-86-1	EC number: 207-702-8
Classification Not Classified	
2-[(2R,4AR)-4A,8-DIMETHYL-2,3,4,5,6,7-HEXAHYDRO-1H-NAPHTHALEN-2-YL]PROPAN-2-OL	5-10%
CAS number: 1209-71-8	
Classification Not Classified	
2-(3,8-DIMETHYL-1,2,3,3A,4,5,6,7-OCTAHYDROAZULEN-5-YL)PROPAN-2-OL	5-10%
CAS number: 22451-73-6	
Classification Not Classified	
(3R,3AR,4AS,5R,9AS)-3,5,8-TRIMETHYL-3A,4,4A,5,6,7,9,9A-OCTAHYDROAZULENO[6,5-B]FURAN-2(3H)-ONE	5-10%
CAS number: 66873-38-9	
Classification Not Classified	

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2-[(2R,4AR,8AS)-4A-METHYL-8-METHYLIDENE-DECAHYDRONAPHTHALEN-2-YL]PROPAN-2-OL CAS number: 473-15-4 EC number: 610-334-4	5-10%
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	
2-[(2R,4AR,8AR)-4A,8-DIMETHYL-2,3,4,5,6,8A-HEXAHYDRO-1H-NAPHTHALEN-2-YL]PROPAN-2-OL CAS number: 473-16-5	5-10%
Classification Not Classified	
6,6-DIMETHYLBICYCLO[3.1.1]HEPT-2-ENE-2-CARBOXYLIC ACID CAS number: 19250-17-0 EC number: 242-920-7	5-10%
Classification Not Classified	
(1S-CIS)-1,2,3,4,5,6,7,8-OCTAHYDRO-7-ISOPROPYLIDENE-1,4-DIMETHYLAZULENE CAS number: 88-84-6 EC number: 201-860-1	1-5%
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Asp. Tox. 1 - H304	
(3S,4AR,8AS)-8A-METHYL-5-METHYLIDENE-3-PROP-1-EN-2-YL-1,2,3,4,4A,6,7,8-OCTAHYDRONAPHTHALENE CAS number: 17066-67-0	1-5%
Classification Not Classified	
(3S,3AS,5R)-3,8-DIMETHYL-5-PROP-1-EN-2-YL-1,2,3,3A,4,5,6,7-OCTAHYDROAZULENE CAS number: 3691-11-0	1-5%
Classification Not Classified	

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(3R,3AR,5R,6R,7AR)-6-ETHENYL-3,6-DIMETHYL-5-PROP-1-EN-2-YL-3,3A,4,5,7,7A-HEXAHYDRO-1-BENZOFURAN-2-ONE CAS number: 66964-63-4	1-5%
Classification Not Classified	
2-[(2R,4AR,8AR)-4A,8-DIMETHYL-2,3,4,5,6,8A-HEXAHYDRO-1H-NAPHTHALEN-2-YL]PROP-2-EN-1-OL CAS number: 65018-15-7	1-5%
Classification Not Classified	
2-NAPHTHALENEACETALDEHYDE, 1,2,3,4,4A,5,6,7-OCTAHYDRO-4A,8-DIMETHYL-A-METHYLENE-, (2R,4AR)- CAS number: 65018-13-5	1-5%
Classification Not Classified	
NAPHTHALENE, 1,2,3,4,4A,5,6,8A-OCTAHYDRO-4A,8-DIMETHYL-2-(1-METHYLETHENYL)-, (2R,4AR,8AR)- CAS number: 473-13-2 EC number: 610-333-9	1-5%
Classification Not Classified	
2-[(2R,4AS)-4A,8-DIMETHYL-2,3,4,5,6,7-HEXAHYDRO-1H-NAPHTHALEN-2-YL]PROPAN-2-OL CAS number: 15051-81-7	1-5%
Classification Not Classified	
5,8-DIMETHYL-1-METHYLIDENE-3A,4,6,7,8,8A,9,9A-OCTAHYDROAZULENO[6,5-B]FURAN-2-ONE CAS number: 66873-37-8	1-5%
Classification Not Classified	

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(E)-1-(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)-2-BUTEN-1-ONE CAS number: 639-99-6 EC number: 245-842-1	1-5%
Classification Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Aquatic Chronic 2 - H411	
2-(4A-METHYL-8-METHYLIDENE-DECAHYDRONAPHTHALEN-2-YL)PROP-2-EN-1-OL CAS number: 515-20-8	1-5%
Classification Not Classified	
(3R)-3AA,4,4AB,5,6,7,8,8A,9,9AA-DECAHYDRO-3A,8AA-DIMETHYL-5-METHYLENENAPHTHO[2,3-B]FURAN-2(3H)-ONE CAS number: 66964-61-2	1-5%
Classification Not Classified	
1-ETHENYL-1-METHYL-2,4-BIS(PROP-1-EN-2-YL)CYCLOHEXANE CAS number: 11029-06-4	1-5%
Classification Not Classified	
AZULENE CAS number: 275-51-4 EC number: 205-993-6	<1%
Classification Aquatic Chronic 2 - H411	
1-METHYL 4-ISO PROPYL-1-CYCLOHEXEN-8-OL CAS number: 98-55-5 EC number: 202-680-6 REACH registration number: 01-2119980717-23-XXXX	<1%
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	

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MENTHOL	<1%
CAS number: 89-78-1	EC number: 201-939-0
Classification Skin Irrit. 2 - H315	
AZULENE, 1,2,3,4,5,6,7,8-OCTAHYDRO-1,4-DIMETHYL-7-(1-METHYLETHENYL)-, (1S,4S,7R)-	<1%
CAS number: 3691-12-1	EC number: 641-402-1
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Asp. Tox. 1 - H304	
7-ETHYL-1,4-DIMETHYLAZULENE	<1%
CAS number: 529-05-5	EC number: 208-449-6
Classification Aquatic Chronic 4 - H413	
(3R,3AR,4AR,8AR,9AR)-3,8A-DIMETHYL-5-METHYLIDENE-3A,4,4A,6,9,9A-HEXAHYDRO-3H-BENZO[F][1]BENZOFURAN-2-ONE	<1%
CAS number: 66964-62-3	
Classification Not Classified	
7-ISOPROPYL-1,4-DIMETHYLAZULENE	<1%
CAS number: 489-84-9	EC number: 207-701-2
Classification Acute Tox. 4 - H302	
2-PINENE	<0.1%
CAS number: 80-56-8	EC number: 201-291-9
M factor (Acute) = 1	M factor (Chronic) = 1
Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	

The full text for all hazard statements is displayed in Section 16.

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Composition comments The data shown are in accordance with the latest EC Directives.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if symptoms are severe or persist.
Ingestion	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if symptoms are severe or persist.
Skin contact	Take off immediately all contaminated clothing. Wash skin thoroughly with soap and water. Continue to rinse. Get medical attention if symptoms are severe or persist.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact	Causes skin irritation. May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically. Contact specialist immediately poison treatment if large quantities have been ingested or inhaled
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
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5.3. Advice for firefighters

Protective actions during firefighting	Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation.
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6.2. Environmental precautions

Environmental precautions	Avoid the spillage or runoff entering drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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6.3. Methods and material for containment and cleaning up

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Methods for cleaning up Absorb spillage with inert, damp, non-combustible material. Flush contaminated area with plenty of water. Collect and place in suitable waste disposal containers and seal securely. Provide adequate ventilation.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. Collect and dispose of spillage as indicated in Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes. In case of insufficient ventilation, wear suitable respiratory equipment. Provide adequate ventilation.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Avoid exposure to high temperatures or direct sunlight.

Storage class Flammable liquid storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

8.2. Exposure controls

Protective equipment



Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. If ventilation is inadequate, suitable respiratory protection must be worn. EN 136/140/141/145/143/149

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Blue.
Odour	Characteristic.
Odour threshold	No information available.
pH	No information available.
Melting point	No information available.
Initial boiling point and range	122 - 321°C
Flash point	74°C
Evaporation rate	No information available.
Evaporation factor	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Other flammability	No information available.
Vapour pressure	No information available.
Vapour density	No information available.
Relative density	0.9534 - 0.9782
Bulk density	No information available.
Solubility(ies)	Slightly soluble in water.
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	Not considered to be explosive.
Explosive under the influence of a flame	No information available.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Refractive index	No information available.
Particle size	No information available.
Molecular weight	No information available.
Volatility	No information available.
Saturation concentration	No information available.
Critical temperature	No information available.

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Volatile organic compound No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No test data specifically related to reactivity available for this product or its ingredients.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Under normal conditions of storage and use, no hazardous reactions will occur.

10.4. Conditions to avoid

Conditions to avoid Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid Oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation May cause an allergic skin reaction.

Germ cell mutagenicity

Genotoxicity - in vitro No information available.

Carcinogenicity

Carcinogenicity No information available.

Reproductive toxicity

Reproductive toxicity - fertility No information available.

Reproductive toxicity - development No information available.

Specific target organ toxicity - single exposure

STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information available.

Aspiration hazard

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Aspiration hazard	No information available.
Inhalation	Gas or vapour in high concentrations may irritate the respiratory system.
Ingestion	Gastrointestinal symptoms, including upset stomach.
Skin contact	Causes skin irritation. May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.

Toxicological information on ingredients.

1-METHYL 4-ISO PROPYL-1-CYCLOHEXEN-8-OL

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 4,300.0

Species Rat

Notes (oral LD₅₀) LD₅₀ 4300 mg/kg, Oral, Rat

ATE oral (mg/kg) 4,300.0

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ > 3000 mg/kg, Dermal, Rabbit

Skin corrosion/irritation

Skin corrosion/irritation Irritating to skin. Rabbit

Serious eye damage/irritation

Serious eye damage/irritation Irritating to eyes. Rabbit

Skin sensitisation

Skin sensitisation Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Bacterial reverse mutation test: Negative.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 314 mg/kg, Oral, Rat (90 days ; 7 days/week)

MENTHOL

Inhalation	Irritating to respiratory system.
Ingestion	Gastrointestinal symptoms, including upset stomach.
Skin contact	Irritating to skin. Prolonged and frequent contact may cause redness and irritation.
Eye contact	Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

7-ISOPROPYL-1,4-DIMETHYLAZULENE

Acute toxicity - oral

ATE oral (mg/kg) 500.0

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2-PINENE

Acute toxicity - oral

Acute toxicity oral (LD ₅₀ mg/kg)	500.0
Species	Rat
Notes (oral LD ₅₀)	LD ₅₀ 3700 mg/kg, Oral, Rat
ATE oral (mg/kg)	500.0

Acute toxicity - dermal

Acute toxicity dermal (LD ₅₀ mg/kg)	5,000.0
Species	Rat
Notes (dermal LD ₅₀)	LD ₅₀ 5000 mg/kg, Dermal, Rat
ATE dermal (mg/kg)	5,000.0

Inhalation	May cause respiratory system irritation.
Ingestion	Harmful: may cause lung damage if swallowed.
Skin contact	May cause sensitisation by skin contact.
Eye contact	Irritating to eyes.

SECTION 12: Ecological information

Ecotoxicity	The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
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Ecological information on ingredients.

2-PINENE

Ecotoxicity	The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.
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12.1. Toxicity

Toxicity	Not considered toxic to fish.
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Ecological information on ingredients.

1-METHYL 4-ISO PROPYL-1-CYCLOHEXEN-8-OL

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 96 hour: 70 mg/l, Fish OECD 203
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hour: 73 mg/l, Daphnia magna OECD 202
Acute toxicity - aquatic plants	EC ₅₀ , 72 hour: 68 mg/l, Algae OECD 201

CALLITRIS INTRATROPICA**MENTHOL****Acute aquatic toxicity**

Acute toxicity - fish LC₅₀, 96 hours: 15.6 mg/l, Fish

2-PINENE**Acute aquatic toxicity**

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

M factor (Acute) 1

Acute toxicity - aquatic invertebrates LC₅₀, 48 hour: 6.74 mg/l, Daphnia magna

Chronic aquatic toxicity

NOEC 0.01 < NOEC ≤ 0.1

Degradability Non-rapidly degradable

M factor (Chronic) 1

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

Ecological information on ingredients.**1-METHYL 4-ISO PROPYL-1-CYCLOHEXEN-8-OL**

Persistence and degradability The product is readily biodegradable.

Biodegradation - Degradation 80%: 28 day

MENTHOL

Persistence and degradability The product is expected to be biodegradable.

2-PINENE

Persistence and degradability The product is readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient No information available.

Ecological information on ingredients.**1-METHYL 4-ISO PROPYL-1-CYCLOHEXEN-8-OL**

Bioaccumulative potential Bioaccumulation is unlikely.

Partition coefficient log Pow: 2.67

MENTHOL

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Bioaccumulative potential The product is not bioaccumulating.

Partition coefficient : ~3.30

12.4. Mobility in soil

Mobility The product is partly miscible with water and may spread in the aquatic environment.

Ecological information on ingredients.

MENTHOL

Mobility The product has poor water-solubility.

2-PINENE

Mobility The product is insoluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Do not puncture or incinerate, even when empty. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

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14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78
and the IBC Code

SECTION 15: Regulatory information

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

EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Commission Regulation (EU) No 2015/830 of 28 May 2015.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

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Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.
 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
 CAS: Chemical Abstracts Service.
 DNEL: Derived No Effect Level.
 IATA: International Air Transport Association.
 IMDG: International Maritime Dangerous Goods.
 Kow: Octanol-water partition coefficient.
 LC₅₀: Lethal Concentration to 50 % of a test population.
 LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).
 PBT: Persistent, Bioaccumulative and Toxic substance.
 PNEC: Predicted No Effect Concentration.
 REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
 RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
 vPvB: Very Persistent and Very Bioaccumulative.
 IARC: International Agency for Research on Cancer.
 MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
 cATpE: Converted Acute Toxicity Point Estimate.
 BCF: Bioconcentration Factor.
 BOD: Biochemical Oxygen Demand.
 EC₅₀: 50% of maximal Effective Concentration.
 LOAEC: Lowest Observed Adverse Effect Concentration.
 LOAEL: Lowest Observed Adverse Effect Level.
 NOAEC: No Observed Adverse Effect Concentration.
 NOAEL: No Observed Adverse Effect Level.
 NOEC: No Observed Effect Concentration.
 LOEC: Lowest Observed Effect Concentration.
 DMEL: Derived Minimal Effect Level.
 EL50: Exposure Limit 50
 hPa: Hectopascal
 LL50: Lethal Loading fifty
 OECD: Organisation for Economic Co-operation and Development
 POW: Octanol-water partition coefficient
 SCBA: self-contained breathing apparatus
 STP: Sewage Treatment Plant
 VOC: Volatile Organic Compounds

Classification abbreviations and acronyms

Acute Tox. = Acute toxicity
 Aquatic Acute = Hazardous to the aquatic environment (acute)
 Aquatic Chronic = Hazardous to the aquatic environment (chronic)

Key literature references and sources for data

Supplier's information.

Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date

29/09/2019

Version number

1.000

SDS number

58887

SDS status

Approved.

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Hazard statements in full

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H413 May cause long lasting harmful effects to aquatic life.

Signature

Jitendra Panchal