



SAFETY DATA SHEET CAFLON DP530

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

1.1. Product identifier

Product name CAFLON DP530

Product number 10724

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

Identified uses Detergent.

1.3. Details of the supplier of the safety data sheet

Supplier

Univar
Aquarius House
6 Mid Point Business Park
Bradford
BD3 7AY
+44 1274 267300
sds@univar.com
+44 1274 267306

1.4. Emergency telephone number

Emergency telephone SGS - +32 (0)3 575 55 55 (24h)

Sds No. 10724

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 Dam. 1 - H318

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) Xi;R38,R41.

2.2. Label elements

Pictogram



Signal word

Danger

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Hazard statements	H315 Causes skin irritation. H318 Causes serious eye damage. EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.
Precautionary statements	P264 Wash contaminated skin thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. 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.
Contains	BENZENESULPHONIC ACID 4 C10 - 13 SEC-ALKYL DERVIS, C9-11 ALCOHOL ETHOXYLATE 6 - 8 MOLES OF EO, ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS

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

BENZENESULPHONIC ACID 4 C10 - 13 SEC-ALKYL DERVIS		10-30%
CAS number: 85536-14-7	EC number: 287-494-3	REACH registration number: 01-2119490234-40-XXXX
Classification Acute Tox. 4 - H302 Skin Corr. 1C - H314 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	Classification (67/548/EEC or 1999/45/EC) Xn;R22. C;R34.	
C9-11 ALCOHOL ETHOXYLATE 6 - 8 MOLES OF EO		5-10%
CAS number: 68439-46-3		
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) Xn;R22. Xi;R41.	
ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS		5-10%
CAS number: 68891-38-3	EC number: 500-234-8	REACH registration number: 01-2119488639-16
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	Classification (67/548/EEC or 1999/45/EC) Xi; R38, R41	

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1,2-BENZISOTHIAZOL-3(2H)-ONE		<0.1%
CAS number: 2634-33-5	EC number: 220-120-9	
M factor (Acute) = 1		
Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Acute 1 - H400		Classification (67/548/EEC or 1999/45/EC) Xn; R22. Xi; R41, R38. N; R50. R43

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

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	Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms are severe or persist.
Ingestion	Rinse mouth thoroughly with water. Get medical attention immediately.
Skin contact	Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. Get medical attention if irritation persists after washing.
Eye contact	Remove affected person from source of contamination. 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 immediately. Continue to rinse.

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

Skin contact	Skin irritation. May cause an allergic skin reaction.
Eye contact	Risk of serious damage to eyes. May cause permanent damage if eye is not immediately irrigated.

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

Notes for the doctor	No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding 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. Sulphurous gases (SO _x).
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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. Contain and collect extinguishing water.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions

Environmental precautions Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid contact with skin and eyes. Provide adequate ventilation.

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.

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

Ingredient comments No exposure limits known for ingredient(s).

BENZENESULPHONIC ACID 4 C10 - 13 SEC-ALKYL DERVIS (CAS: 85536-14-7)

Ingredient comments No exposure limits known for ingredient(s).

DNEL

- Workers - Dermal; Long term systemic effects: 170 mg/kg
- Workers - Inhalation; Long term systemic effects: 12 mg/m³
- Workers - Inhalation; Long term local effects: 12 mg/m³
- Consumer - Dermal; Long term systemic effects: 85 mg/m³
- Consumer - Inhalation; Long term systemic effects: 3 mg/m³
- Consumer - Oral; Long term systemic effects: 0.85 mg/kg
- Consumer - Inhalation; Long term local effects: 3 mg/m³

PNEC

- Fresh water; 0.287 mg/l
- Marine water; 0.0287 mg/l
- Intermittent release; 0.0167 mg/l
- STP; 3.43 mg/l
- Sediment (Freshwater); 0.287 mg/kg
- Sediment (Marinewater); 0.287 mg/kg
- Soil; 35 mg/kg

C9-11 ALCOHOL ETHOXYLATE 6 - 8 MOLES OF EO (CAS: 68439-46-3)

Ingredient comments No exposure limits known for ingredient(s).

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ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS (CAS: 68891-38-3)

DNEL

Industry - Dermal; Long term systemic effects: 2750 mg/kg/day
 Industry - Inhalation; Long term systemic effects: 175 mg/m³
 Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day
 Consumer - Oral; Long term systemic effects: 15 mg/kg/day
 Consumer - Inhalation; Long term systemic effects: 52 mg/m³

PNEC

- Fresh water; 0.24 mg/l
- Soil; 0.946 mg/kg
- STP; 10000 mg/l
- Marine water; 0.024 mg/l
- Intermittent release; 0.071 mg/l
- Sediment (Freshwater); 5.45 mg/kg
- Sediment (Marinewater); 0.545 mg/kg

SODIUM XYLENESULPHONATE (CAS: 1300-72-7)

Ingredient comments No exposure limits known for ingredient(s).

DNEL

Workers - Inhalation; Long term systemic effects: 26.9 mg/m³
 Workers - Dermal; Long term systemic effects: 136.25 mg/kg/day
 Workers - Dermal; Long term local effects: 0.096 mg/cm²
 General population - Dermal, Inhalation; Long term systemic effects: 6.6 mg/m³
 General population - Dermal; Long term systemic effects: 68.1 mg/kg
 General population - Dermal; Long term local effects: 0.048 mg/cm²
 General population - Oral; Long term systemic effects: 3.8 mg/kg/day

PNEC

- Fresh water; 0.23 mg/l
- Marine water; 0.023 mg/l
- Intermittent release; 2.3 mg/l
- STP; 100 mg/l
- Sediment (Freshwater); 0.862 mg/kg
- Sediment (Marinewater); 0.0862 mg/kg
- Soil; 0.037 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Wear eye protection. 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. Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC). To protect hands from chemicals, gloves should comply with European Standard EN374.

Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

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Respiratory protection If ventilation is inadequate, suitable respiratory protection must be worn. EN 136/140/145/143/149

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Odour threshold	Not available.
pH	pH (diluted solution): 7 - 8 @ 10%
Melting point	< 0°C
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	Not available.
Evaporation factor	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	Not available.
Other flammability	No information available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	1.05 @ 20°C
Bulk density	No information available.
Solubility(ies)	Not available.
Partition coefficient	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	350 cP @ 20°C
Explosive properties	Not available.
Explosive under the influence of a flame	No information available.
Oxidising properties	Not available.

9.2. Other information

Other information	Not determined.
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 There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not determined.

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid Not determined.

10.6. Hazardous decomposition products

Hazardous decomposition products Fire creates: Oxides of the following substances: Carbon. Sulphur.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 2,131.29

Skin corrosion/irritation

Skin corrosion/irritation Causes skin irritation.

Animal data No information available.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation Not available.

Skin sensitisation

Skin sensitisation No information available.

Germ cell mutagenicity

Genotoxicity - in vitro Not available.

Carcinogenicity

Carcinogenicity Not available.

Reproductive toxicity

Reproductive toxicity - fertility Not available.

Specific target organ toxicity - single exposure

STOT - single exposure Not available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not available.

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Aspiration hazard

Aspiration hazard Not available.

Inhalation

May cause respiratory irritation.

Ingestion

Gastrointestinal symptoms, including upset stomach.

Skin contact

Irritating to skin. May cause an allergic skin reaction.

Eye contact

Risk of serious damage to eyes.

BENZENESULPHONIC ACID 4 C10 - 13 SEC-ALKYL DERIVS

Acute toxicity - oral

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,000.0

Species Rat

Skin corrosion/irritation

Skin corrosion/irritation Causes severe burns.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Negative.

Genotoxicity - in vivo Negative.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Not applicable.

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Inhalation	May cause respiratory system irritation.
Ingestion	Harmful if swallowed. May cause chemical burns in mouth, oesophagus and stomach.
Skin contact	Causes burns.
Eye contact	Irritation of eyes and mucous membranes. May cause chemical eye burns.

C9-11 ALCOHOL ETHOXYLATE 6 - 8 MOLES OF EO

Acute toxicity - oral

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,000.0

Species Rat

Skin corrosion/irritation

Extreme pH Data lacking.

Serious eye damage/irritation

Serious eye damage/irritation Not available.

Respiratory sensitisation

Respiratory sensitisation Data lacking.

Germ cell mutagenicity

Genotoxicity - in vitro Not available.

Carcinogenicity

Carcinogenicity Not available.

Reproductive toxicity

Reproductive toxicity - fertility Not available.

Specific target organ toxicity - single exposure

STOT - single exposure Not available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not available.

Aspiration hazard

Aspiration hazard Data lacking.

Inhalation	Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing. Harmful by inhalation.
Ingestion	Gastrointestinal symptoms, including upset stomach. Harmful if swallowed.
Skin contact	May cause defatting of the skin but is not an irritant.
Eye contact	Risk of serious damage to eyes.

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ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 4,100.0

Species Rat

ATE oral (mg/kg) 4,100.0

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >2000 mg/kg, Dermal, Rat

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met. Ames test OECD 471

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility - NOAEL >300 mg/kg, Oral, Rat OECD 416

Reproductive toxicity - development - NOAEL: >1000 mg/kg, Oral, Rat OCED 414

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL >225 mg/kg, Oral, Rat OCED 408

Inhalation Gas or vapour in high concentrations may irritate the respiratory system.

Ingestion Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

Skin contact Causes skin irritation.

Eye contact Causes serious eye damage.

SECTION 12: Ecological Information

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

BENZENESULPHONIC ACID 4 C10 - 13 SEC-ALKYL DERIVS

Ecotoxicity Harmful to aquatic life with long lasting effects.

C9-11 ALCOHOL ETHOXYLATE 6 - 8 MOLES OF EO

Ecotoxicity The product contains a substance which is harmful to aquatic organisms.

12.1. Toxicity

Toxicity Not considered toxic to fish.

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BENZENESULPHONIC ACID 4 C10 - 13 SEC-ALKYL DERIVS

Toxicity	Harmful to aquatic life.
Acute toxicity - fish	LC ₅₀ , 96 hours: 1.67 mg/l, <i>Lepomis macrochirus</i> (Bluegill) LC ₅₀ , 96 hours: > 1 mg/l, <i>Brachydanio rerio</i> (Zebra Fish)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 2.9 mg/l, <i>Daphnia magna</i>

C9-11 ALCOHOL ETHOXYLATE 6 - 8 MOLES OF EO

Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: > 5.3 mg/l, <i>Daphnia magna</i>
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ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS

Acute toxicity - fish	LC ₅₀ , 96 hours: >7.1 mg/l, Algae OECD 203
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 7.2 mg/l, <i>Daphnia magna</i> OECD 202 NOEC, 48 hours: 0.27 mg/l, <i>Daphnia magna</i>
Acute toxicity - aquatic plants	EC ₅₀ , 72 hours: 27.7 mg/l, Fish OECD 201 NOEC, 72 hours: 0.95 mg/l, Fish

12.2. Persistence and degradability

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

BENZENESULPHONIC ACID 4 C10 - 13 SEC-ALKYL DERIVS

Persistence and degradability	The product is readily biodegradable. This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.
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C9-11 ALCOHOL ETHOXYLATE 6 - 8 MOLES OF EO

Persistence and degradability	This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.
Biodegradation	Water - Degradation (%) 60: 28 days

ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS

Persistence and degradability	The product is readily biodegradable.
Biodegradation	- Degradation (%) 100: 28 days

12.3. Bioaccumulative potential

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Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not available.

BENZENESULPHONIC ACID 4 C10 - 13 SEC-ALKYL DERIVS

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

Partition coefficient log Pow: 2.0

C9-11 ALCOHOL ETHOXYLATE 6 - 8 MOLES OF EO

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

Partition coefficient log Pow: 3.11 - 4.19

ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.
BCF: < 3,

Partition coefficient log Pow: 0.3

12.4. Mobility in soil

Mobility The product is soluble in water.

BENZENESULPHONIC ACID 4 C10 - 13 SEC-ALKYL DERIVS

Mobility The product is soluble in water.

C9-11 ALCOHOL ETHOXYLATE 6 - 8 MOLES OF EO

Mobility The product is soluble in water.

ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS

Mobility The product is soluble 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.

BENZENESULPHONIC ACID 4 C10 - 13 SEC-ALKYL DERIVS

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

C9-11 ALCOHOL ETHOXYLATE 6 - 8 MOLES OF EO

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 Not known.

BENZENESULPHONIC ACID 4 C10 - 13 SEC-ALKYL DERIVS

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Other adverse effects Not determined.

C9-11 ALCOHOL ETHOXYLATE 6 - 8 MOLES OF EO

Other adverse effects Not determined.

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

General information Do not puncture or incinerate, even when empty. Waste is classified as hazardous waste.

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.

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

24/04/2017

Revision

04

Supersedes date

09/06/2017

SDS number

10724

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Version number	1.001
SDS status	Approved.
Signature	Jitendra Panchal
Risk phrases in full	Not classified. R22 Harmful if swallowed. R38 Irritating to skin. R41 Risk of serious damage to eyes.
Hazard statements in full	H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H400 Very toxic to aquatic life. H412 Harmful to aquatic life with long lasting effects. EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.