SAFETY DATA SHEET
Simoniz 2 in 1 Shampoo and Snow Foam

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

1.1. Product identifier

Product name Simoniz 2 in 1 Shampoo and Snow Foam

Product number SAPP0170A, SAPP0171A, SAPP0172A, SAPP0173A

UFI UFI: GAR6-U0DV-F00E-3PX8

REACH registration notes This is a MIXTURE; no registration information contained in this document . Holts are classed as Downstream User.

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

Identified uses Car maintenance product. Cleaning agent.

1.3. Details of the supplier of the safety data sheet

Supplier
Holt Lloyd Services
52 Rue des 40 Mines, 60000 – Allonne, France
Phone: +33 (0)3 64 99 00 32
info@holtsauto.com

Contact person Contact Email address: info@holtsauto.com

Manufacturer
Holt Lloyd International Ltd
Barton Dock Road
Stretford
Manchester
M32 0YQ - England, UK
+44 (0) 161 866 4800
FAX +44 (0) 161 866 4854
www.holtsauto.com

1.4. Emergency telephone number

Emergency telephone UK - 00 44 (0) 161 866 4800 Office hrs = 0900 - 1700 hrs

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National emergency telephone number	+32022649636; info@poisoncentre.be (Belgium) +420267082257; biocidy@mzcr.cz (Czech Republic) +45 72 54 40 00; mst@mst.dk (Denmark) +372 794 3500; clp@terviseamet.ee, info@terviseamet.ee (Estonia) +358 5052 000; kirjaamo@tukes.fi (Finland) + 33 3 83 85 21 92; bnpc@chru-nancy.fr (France) +49-30-18412-0; bfr@bfr.bund.de (Germany) +36 (1) 476 1135; clp.ca@nnk.gov.hu (Hungary) +353 (1) 809 2166 / +353 (1) 809 2566; chemicalsinfo@beaumont.ie (Ireland) +390649906140; inscweb@iss.it (Italy) +31 88 75 585 61; productnotificatie@umcutrecht.nl (The Netherlands) +48 42 2538 400; biuro@chemikalia.gov.pl (Poland) +351213303271; ciav.tox@inem.pt (Portugal) +40213183606; infotox@insp.gov.ro (Romania) +421 2 5465 2307; ntic@ntic.sk (Slovakia) + 386 1 522 1293; gp.ukc@kclj.si (Slovenia) +34 917689800; intcf.doc@justicia.es (Spain) +46104566750; giftinformation@gic.se (Sweden) +44 121 507 4123; allistervale@npis.org, sallybradberry@npis.org (UK)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Eye Dam. 1 - H318
Environmental hazards	Not Classified

2.2. Label elements

Hazard pictograms

Signal word	Danger
Hazard statements	H318 Causes serious eye damage.
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P264 Wash skin thoroughly after handling. 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.
UFI	UFI: GAR6-U0DV-F00E-3PX8
Contains	Sodium lauryl ether sulphate, Cocamidopropyl Betaine, Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts
Detergent labelling	5 - < 15% anionic surfactants, < 5% amphoteric surfactants, Contains Benzylhemiformal
Supplementary precautionary statements	P310 Immediately call a POISON CENTER/ doctor.

2.3. Other hazards

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Sodium lauryl ether sulphate **1-5%**

CAS number: 68891-38-3 EC number: 500-234-8 REACH registration number: 01-2119488639-16-XXXX

Classification
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
Aquatic Chronic 3 - H412

Cocamidopropyl Betaine **1-5%**

CAS number: 61789-40-0 EC number: 263-058-8 REACH registration number: 01-2120770501-61-XXXX

Classification
Eye Dam. 1 - H318
Aquatic Chronic 3 - H412

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts **1-5%**

CAS number: 68411-30-3 EC number: 270-115-0 REACH registration number: 01-2119489428-22-XXXX

Classification
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
Aquatic Chronic 3 - H412

Benzylhemiformal **<1%**

CAS number: 14548-60-8 EC number: 238-588-8

Classification
Acute Tox. 4 - H302
Acute Tox. 4 - H312
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
STOT SE 3 - H335

PROPAN-2-OL **<1%**

CAS number: 67-63-0 EC number: 200-661-7 REACH registration number: 01-2119457558-25-XXXX

Classification
Flam. Liq. 2 - H225
Eye Irrit. 2 - H319
STOT SE 3 - H336

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

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information Treat symptomatically.

Inhalation Unlikely route of exposure as the product does not contain volatile substances.

Ingestion Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

Eye contact Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

General information The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation This is unlikely to occur but symptoms similar to those of ingestion may develop.

Ingestion May cause discomfort if swallowed.

Skin contact May be slightly irritating to skin. Prolonged or repeated exposure may cause severe irritation.

Eye contact Causes serious eye damage. Prolonged contact causes serious eye and tissue damage.

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

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards None known.

Hazardous combustion products Oxides of carbon. Oxides of nitrogen.

5.3. Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known.

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Avoid release to the environment. Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

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Methods for cleaning up Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid spilling. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from food, drink and animal feeding stuffs. Store in a cool and well-ventilated place. Keep only in the original container.

Storage class Chemical 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

Occupational exposure limits

PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³
Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³
WEL = Workplace Exposure Limit.

Sodium lauryl ether sulphate (CAS: 68891-38-3)

DNEL
Workers - Inhalation; Long term systemic effects: 175 mg/m³
Workers - Dermal; Long term systemic effects: 2750 mg/kg/day
Workers - Dermal; Long term local effects: 132 µg/cm2
General population - Inhalation; Long term systemic effects: 52 mg/m³
General population - Dermal; Long term systemic effects: 1650 mg/kg/day
General population - Dermal; Long term local effects: 79 µg/cm2
General population - Oral; Long term systemic effects: 15 mg/kg/day

PNEC
Fresh water; 0.24 mg/l
Intermittent release; 0.071 mg/l
marine water; 0.024 mg/l
STP; 10 g/l
Sediment (Freshwater); 0.917 mg/kg sediment dw
Sediment (Marinewater); 0.092 mg/kg sediment dw
Soil; 7.5 mg/kg soil dw

Cocamidopropyl Betaine (CAS: 61789-40-0)

DNEL
Workers - Inhalation; Long term systemic effects: 8.22 mg/m³
Workers - Dermal; Long term systemic effects: 2.33 mg/kg/day
General population - Inhalation; Long term systemic effects: 1.45 mg/m³
General population - Dermal; Long term systemic effects: 0.833 mg/kg/day
General population - Oral; Long term systemic effects: 0.833 mg/kg/day

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PNEC	Fresh water; 3.2 µg/l Intermittent release; 20 (freshwater) µg/l marine water; 0.32 µg/l Intermittent release; 2 (marine) µg/l STP; 300 mg/l Sediment (Freshwater); 0.291 mg/kg sediment dw Sediment (Marinewater); 21.9 µg/l Soil; 41.9 µg/kg soil dw

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts (CAS: 68411-30-3)

DNEL	Workers - Inhalation; Long term systemic effects: 7.6 mg/m³ Workers - Dermal; Long term systemic effects: 119 mg/kg/day General population - Inhalation; Long term systemic effects: 1.3 mg/m³ General population - Dermal; Long term systemic effects: 42.5 mg/kg/day General population - Oral; Long term systemic effects: 0.425 mg/kg/day
PNEC	Fresh water; 0.268 mg/l marine water; 0.027 mg/l STP; 3.43 mg/l Sediment (Freshwater); 8.1 mg/l Sediment (Marinewater); 6.8 mg/kg sediment dw Soil; 35 mg/kg soil dw

PROPAN-2-OL (CAS: 67-63-0)

DNEL	Workers - Inhalation; Long term systemic effects: 500 mg/m³ Workers - Dermal; Long term systemic effects: 888 mg/kg/day General population - Inhalation; Long term systemic effects: 89 mg/m³ General population - Dermal; Long term systemic effects: 319 mg/kg/day General population - Oral; Long term systemic effects: 26 mg/kg/day
PNEC	Fresh water; Long term 140.9 mg/l marine water; Long term 140.9 mg/l Sediment (Freshwater); Long term 552 mg/kg sediment dw Sediment (Marinewater); Long term 552 mg/kg sediment dw Soil; Long term 28 mg/kg soil dw

8.2. Exposure controls

Protective equipment

Appropriate engineering controls	No specific ventilation requirements.
Eye/face protection	Wear chemical splash goggles.
Hand protection	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 hands thoroughly after handling.

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Respiratory protection Respiratory protection not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Liquid.

Colour Blue-green.

Odour Costa del Sol

pH pH (concentrated solution): 7

Flash point Not applicable.

Relative density 1.005 @ 20°C

Solubility(ies) Miscible with water.

Viscosity 550 cP @ 20°C

9.2. Other information

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 under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not applicable. Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid Avoid heat. Avoid freezing.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended. Oxides of carbon. Oxides of nitrogen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No information available.

Acute toxicity - oral

Notes (oral LD_{50}) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD_{50}) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC_{50}) Based on available data the classification criteria are not met.

Skin corrosion/irritation

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Skin corrosion/irritation	Based on available data the classification criteria are not met.

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	Based on available data the classification criteria are not met.
Genotoxicity - in vivo	Based on available data the classification criteria are not met.

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 relevant.

Inhalation	This is unlikely to occur but symptoms similar to those of ingestion may develop.
Ingestion	May cause discomfort if swallowed.
Skin contact	May be slightly irritating to skin. Prolonged or repeated exposure may cause severe irritation.
Eye contact	Causes serious eye damage. Prolonged contact causes serious eye and tissue damage.
Acute and chronic health hazards	No specific long-term effects known.
Route of exposure	Dermal
Target organs	No specific target organs known.

Toxicological information on ingredients.

Sodium lauryl ether sulphate

Toxicological effects	No information available.

Acute toxicity - oral

Notes (oral LD_{50})	Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD_{50})	Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC_{50})	Based on available data the classification criteria are not met.

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Skin corrosion/irritation

Skin corrosion/irritation Causes skin irritation.

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 Based on available data the classification criteria are not met.

Genotoxicity - in vivo Based on available data the classification criteria are not met.

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.

Reproductive toxicity - development Does not contain any substances known to be toxic to reproduction.

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 relevant.

Inhalation May cause respiratory system irritation.

Ingestion Gastrointestinal symptoms, including upset stomach.

Skin contact Causes skin irritation.

Eye contact Causes serious eye damage.

Cocamidopropyl Betaine

Acute toxicity - oral

Notes (oral LD_{50}) LD_{50} > 2000 mg/kg, Oral, Rat, Mouse

Acute toxicity - dermal

Notes (dermal LD_{50}) LD_{50} > 2000 mg/kg, Dermal, Rat

Skin corrosion/irritation

Skin corrosion/irritation Causes skin irritation.

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Serious eye damage/irritation

Serious eye damage/irritation	Causes serious eye irritation.

Respiratory sensitisation

Respiratory sensitisation	No information available.

Skin sensitisation

Skin sensitisation	Sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro	Negative.

Carcinogenicity

Carcinogenicity	No information available.

Reproductive toxicity

Reproductive toxicity - fertility	- NOAEL 1000 mg/kg/day, Oral, Rat
Reproductive toxicity - development	- NOAEL: > 950 mg/kg/day, Oral, Rat

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 relevant.

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

Acute toxicity - oral

Notes (oral LD_{50})	LD_{50} 1080 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD_{50})	LD_{50} > 2000 mg/kg, Dermal, Rat

Acute toxicity - inhalation

Notes (inhalation LC_{50})	LOAEC 260 mg/m³, Inhalation, Rat

Skin corrosion/irritation

Skin corrosion/irritation	Causes skin irritation.

Serious eye damage/irritation

Serious eye damage/irritation	Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation	No information available.

Skin sensitisation

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

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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	Three-generation study - NOAEL 350 mg/kg/day, Oral, Rat F1, F2
Reproductive toxicity - development	Developmental toxicity: - NOAEL: 300 mg/kg/day, Oral, Rat

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 relevant.

Inhalation	No specific health hazards known.
Ingestion	May be harmful if swallowed.
Skin contact	Causes skin irritation.
Eye contact	Causes serious eye damage.

Benzylhemiformal

Acute toxicity - oral

ATE oral (mg/kg)	500.0

Acute toxicity - dermal

ATE dermal (mg/kg)	1,100.0

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Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	5,045.0
Species	Rat
ATE oral (mg/kg)	5,045.0

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	12,800.0
Species	Rabbit

Acute toxicity - inhalation

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Acute toxicity inhalation (LC_{50} vapours mg/l)	20.0
Species	Rat

Skin corrosion/irritation

Skin corrosion/irritation	Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation	Causes serious eye irritation.

Respiratory sensitisation

Respiratory sensitisation	Not sensitising.

Skin sensitisation

Skin sensitisation	Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro	Does not contain any substances known to be mutagenic.

Carcinogenicity

Carcinogenicity	Does not contain any substances known to be carcinogenic.
IARC carcinogenicity	IARC Group 3 Not classifiable as to its carcinogenicity to humans.

Reproductive toxicity

Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
Reproductive toxicity - development	This substance has no evidence of toxicity to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure	Brain damage. Central and/or peripheral nervous system damage.

Specific target organ toxicity - repeated exposure

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

Aspiration hazard

Aspiration hazard	Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

SECTION 12: Ecological information

Ecotoxicity No information available.

Ecological information on ingredients.

Sodium lauryl ether sulphate

Ecotoxicity	Harmful to aquatic life with long lasting effects.

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

Ecotoxicity	Harmful to aquatic life with long lasting effects.

12.1. Toxicity

Simoniz 2 in 1 Shampoo and Snow Foam

Acute aquatic toxicity

Acute toxicity - fish	No information available.
Acute toxicity - aquatic invertebrates	Not available.
Acute toxicity - aquatic plants	Not available.
Acute toxicity - microorganisms	Not available.
Acute toxicity - terrestrial	Not available.

Chronic aquatic toxicity

Chronic toxicity - fish early life stage	Not available.
Short term toxicity - embryo and sac fry stages	Not available.
Chronic toxicity - aquatic invertebrates	Not available.

Ecological information on ingredients.

Sodium lauryl ether sulphate

Acute aquatic toxicity

Acute toxicity - fish	LC_{50}, 96 hours: > 7.1 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 7.4 mg/l, Daphnia magna NOEC, 48 hours: 0.27 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC_{50}, 72 hours: 27.7 mg/l, Algae

Cocamidopropyl Betaine

Acute aquatic toxicity

Acute toxicity - fish	LC_{50}, 96 hours: 2 mg/l, Brachydanio rerio (Zebra Fish)
Acute toxicity - aquatic invertebrates	EC_{50}, LC_{50}, 48 hours: 6.4 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC_{50}, 48 hours: 30 mg/l, Ulva lactuca
Acute toxicity - microorganisms	EC_{50}, 16 hours: > 3000 mg/l, Pseudomonas putida

Chronic aquatic toxicity

Chronic toxicity - fish early life stage	NOEC, 28 days: 0.16 mg/l, Oncorhynchus mykiss (Rainbow trout)
Chronic toxicity - aquatic invertebrates	NOEC, 21 days: 3.6 mg/l, Daphnia magna

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

Acute aquatic toxicity

Acute toxicity - fish	LC_{50}, 96 hours: 1.67 mg/l, Lepomis macrochirus (Bluegill)

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Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 2.9 mg/l, Freshwater invertebrates
Acute toxicity - aquatic plants	EC_{50}, 96 hours: 0.91 mg/l, Algae
Acute toxicity - microorganisms	Not available.
Acute toxicity - terrestrial	LC_{50}, 14 days: > 1000 mg/kg, Eisenia Fetida (Earthworm) NOEC, 14 days: 250 mg/kg, Eisenia Fetida (Earthworm)

PROPAN-2-OL

Acute aquatic toxicity

Acute toxicity - fish	LC_{50}, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)
Acute toxicity - aquatic invertebrates	EC_{50}, 24 hours: > 10000 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC_{50}, 7 days: 180 mg/l, Selenastrum capricornutum

12.2. Persistence and degradability

Persistence and degradability The product is biodegradable.

Ecological information on ingredients.

Sodium lauryl ether sulphate

Persistence and degradability	100% 28 days Rapidly degradable

Cocamidopropyl Betaine

Persistence and degradability	Rapidly degradable

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

Persistence and degradability	Rapidly degradable

PROPAN-2-OL

Persistence and degradability	Rapidly degradable

12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

Ecological information on ingredients.

Sodium lauryl ether sulphate

Bioaccumulative potential	BCF: < 0.3, Fish The product does not contain any substances expected to be bioaccumulating.
Partition coefficient	log Pow: 0.3

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Cocamidopropyl Betaine

Bioaccumulative potential BCF: 70.79 L/Kg ww, QSAR

PROPAN-2-OL

Bioaccumulative potential No potential for bioaccumulation.

Partition coefficient log Pow: 0.05

12.4. Mobility in soil

Mobility The product contains substances which are water-soluble and may spread in water systems.

Ecological information on ingredients.

Sodium lauryl ether sulphate

Mobility Soluble in water.

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

Mobility The product is soluble in water.

PROPAN-2-OL

Mobility Mobile.

Surface tension 22.7 mN/m @ 20°C

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.

Ecological information on ingredients.

Sodium lauryl ether sulphate

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

Cocamidopropyl Betaine

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

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

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

PROPAN-2-OL

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

12.6. Other adverse effects

Other adverse effects None known.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

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.

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

National regulations The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

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.
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).

Authorisations (Annex XIV Regulation 1907/2006) No specific authorisations are known for this product.

Restrictions (Annex XVII Regulation 1907/2006) No specific restrictions on use are known for this product.

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15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE: Acute Toxicity Estimate.
BOD: Biochemical Oxygen Demand.
CAS: Chemical Abstracts Service.
DNEL: Derived No Effect Level.
EC_{50}: 50% of maximal Effective Concentration.
GHS: Globally Harmonized System.
IATA: International Air Transport Association.
ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
IMDG: International Maritime Dangerous Goods.
LC_{50}: Lethal Concentration to 50 % of a test population.
LD_{50}: Lethal Dose to 50% of a test population (Median Lethal Dose).
LOAEL: Lowest Observed Adverse Effect Level.
LOEC: Lowest Observed Effect Concentration.
NOAEC: No Observed Adverse Effect Concentration.
NOAEL: No Observed Adverse Effect Level.
NOEC: No Observed Effect Concentration.
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.
SVHC: Substances of Very High Concern.
UVCB - Unknown or variable composition, complex reaction products or Biological materials.
vPvB: Very Persistent and Very Bioaccumulative.

Revision date 02/03/2021

Revision 3

Supersedes date 23/01/2021

SDS number 21756

Hazard statements in full

H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.