



CHRISTEYNS

SAFETY DATA SHEET

Pro-fit Body

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.

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

1.1. Product identifier

Product name	Pro-fit Body
Product number	7971/22082
UFI	UFI: FC2Q-J0A8-800A-JVFW

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

Identified uses	Last rinse additive; finishing agent
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1.3. Details of the supplier of the safety data sheet

Supplier	Christeyns UK Ltd Rutland Street, Bradford, West Yorkshire BD4 7EA Tel: 01274 393286 Fax: 01274 309143 info@christeyns.co.uk
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1.4. Emergency telephone number

Emergency telephone	Tel: 01274 393286, Fax: 01274 309143 (8.30am-5pm Monday to Friday)
National emergency telephone number	NHS Direct 111 (GB) National Poisons Information Service Tel: +44 344 892 0111 (UK) - Medical Professionals Only National Poisons Information Centre Tel: +353 (01) 809 2566 (Ireland) - Healthcare Professionals only (24 hour service)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards	Not Classified
Health hazards	Eye Irrit. 2 - H319
Environmental hazards	Not Classified

2.2. Label elements

Hazard pictograms



Signal word	Warning
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Hazard statements	EUH208 Contains N-[3-(dimethoxymethylsilyl)propyl]ethylenediamine, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 2-methylisothiazol-3(2H)-one. May produce an allergic reaction. H319 Causes serious eye irritation.
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Pro-fit Body

Precautionary statements

P264 Wash contaminated skin thoroughly after handling.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 If eye irritation persists: Get medical advice/ attention.

Detergent labelling

< 5% non-ionic surfactants, < 5% perfumes, Contains GERANIOL, METHYL-2H or METHYL-4 (3:1)
 Mixture of EC NO 220-239-6, 2-METHYL-2H-ISOTHIAZOL-3-ONE

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

Alcohols, C13-15, branched and linear, ethoxylated	1-3%
CAS number: 157627-86-6	EC number: 931-954-4
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	
MONOPROPYLENE GLYCOL	1-3%
CAS number: 57-55-6	EC number: 200-338-0
Classification Not Classified	
Diethyl phthalate	<1%
CAS number: 84-66-2	EC number: 201-550-6
Classification Not Classified	
GERANIOL	0.014%
CAS number: 106-24-1	EC number: 203-377-1
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317	
METHANOL	<1%
CAS number: 67-56-1	EC number: 200-659-6
Classification Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370	

Pro-fit Body

Linalool 0.0054% CAS number: 78-70-6 EC number: 201-134-4
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1B - H317
Oxydipropanol <1% CAS number: 25265-71-8 EC number: 246-770-3
Classification Not Classified
CITRONELLOL 0.0054% CAS number: 106-22-9 EC number: 203-375-0
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1B - H317
Butylphenyl Methylpropional 0.0054% CAS number: 80-54-6 EC number: 201-289-8
Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Repr. 1B - H360Fd Aquatic Chronic 3 - H412
Alpha-IsoMethyl Ionone 0.0054% CAS number: 127-51-5 EC number: 204-846-3
Classification Aquatic Chronic 2 - H411
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) <1% CAS number: 55965-84-9 EC number: 911-418-6 M factor (Acute) = 100 M factor (Chronic) = 100
Classification Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 Skin Corr. 1C - H314 Skin Sens. 1A - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

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CITRAL 0.00099% CAS number: 5392-40-5 EC number: 226-394-6
Classification Skin Irrit. 2 - H315 Skin Sens. 1 - H317
BENZYL SALICYLATE 0.00099% CAS number: 118-58-1 EC number: 204-262-9
Classification Eye Irrit. 2 - H319 Skin Sens. 1B - H317 Aquatic Chronic 3 - H412
EUGENOL 0.00099% CAS number: 97-53-0 EC number: 202-589-1
Classification Eye Irrit. 2 - H319 Skin Sens. 1B - H317
ISO EUGENOL 0.00099% CAS number: 97-54-1 EC number: 202-590-7
Classification Skin Sens. 1A - H317
Diphenyl Ether <1% CAS number: 101-84-8 EC number: 202-981-2 M factor (Acute) = 1
Classification Eye Irrit. 2 - H319 Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412
2-methylisothiazol-3(2H)-one <1% CAS number: 2682-20-4 EC number: 220-239-6 M factor (Acute) = 10 M factor (Chronic) = 1
Classification Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 2 - H330 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1A - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

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

Pro-fit Body

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Get medical attention if symptoms are severe or persist. Remove affected person from source of contamination.
Inhalation	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.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention immediately.
Skin contact	Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention promptly if symptoms occur after washing.
Eye contact	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

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. Spray/mists may cause respiratory tract irritation.
Ingestion	May cause stomach pain or vomiting.
Skin contact	May cause skin irritation. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. The product contains a sensitising substance. May cause skin sensitisation or allergic reactions in sensitive individuals.
Eye contact	This product is strongly irritating.

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

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	No unusual fire or explosion hazards noted.
Hazardous combustion products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting	If risk of water pollution occurs, notify appropriate authorities. Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing will provide a basic level of protection for chemical incidents.

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. Avoid contact with skin and eyes.
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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.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb in vermiculite, dry sand or earth and place into containers. Flush spilled material into suitable retaining areas or container with large quantities of water. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Inform authorities if large amounts are involved.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see 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. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists.

Advice on general occupational hygiene Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep above the chemical's freezing point to avoid rupturing the container. Store in tightly-closed, 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

MONOPROPYLENE GLYCOL

Long-term exposure limit (8-hour TWA): WEL 150 ppm 474 mg/m³ total vapour and particulates

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ particulate

Diethyl phthalate

Long-term exposure limit (8-hour TWA): WEL 5 mg/m³

Short-term exposure limit (15-minute): WEL 10 mg/m³

METHANOL

Long-term exposure limit (8-hour TWA): WEL 200 ppm 266 mg/m³

Short-term exposure limit (15-minute): WEL 250 ppm 333 mg/m³

Sk

Oxydipropanol

AGW=67 mg/m³ (TRGS 900)

Diphenyl Ether

Long-term exposure limit (8-hour TWA): WEL 1 ppm 7 mg/m³

Short-term exposure limit (15-minute): WEL 2 ppm 14 mg/m³

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through the skin.

MONOPROPYLENE GLYCOL (CAS: 57-55-6)

Pro-fit Body

DNEL

Workers - Inhalation; Long term systemic effects: 168 mg/m³
 Workers - Inhalation; Long term local effects: 10 mg/m³
 General population - Inhalation; Long term systemic effects: 50 mg/m³
 General population - Inhalation; Long term local effects: 10 mg/m³
 General population - Dermal; Long term systemic effects: 213 mg/m³
 General population - Oral; Long term systemic effects: 85 mg/m³

PNEC

- Fresh water; 260 mg/l
 - marine water; 26 mg/l
 - Sediment (Freshwater); 572 mg/l
 - Sediment (Marinewater); 57.2 mg/l
 - Soil; 50 mg/kg
 - STP; 20000 mg/l
 Intermittent release; 183 mg/l

N-[3-(dimethoxymethylsilyl)propyl]ethylenediamine (CAS: 3069-29-2)

DNEL

Workers - Inhalation; Long term systemic effects: 12 mg/m³
 Workers - Dermal; Long term systemic effects: 1.7 mg/kg bw/day
 Consumer - Oral; Long term systemic effects: 0.83 mg/kg bw/day
 Consumer - Inhalation; Long term systemic effects: 2.9 mg/m³
 Consumer - Dermal; Long term systemic effects: 0.83 mg/kg bw/day

PNEC

Fresh water; 0.062 mg/l
 marine water; 0.0062 mg/l
 Intermittent release; 0.62 mg/l
 Sediment (Freshwater); 0.024 mg/kg dry mass
 Sediment (Marinewater); 0.0024 mg/kg dry mass
 Soil; 0.01 mg/kg dry mass
 STP; 25 mg/l

GERANIOL (CAS: 106-24-1)

DNEL

Workers - Inhalation; Long term systemic effects: 161.6 mg/m³
 Workers - Dermal; Long term systemic effects: 12.5 mg/kg
 Consumer - Oral; Long term systemic effects: 13.75 mg/kg
 Consumer - Inhalation; Long term systemic effects: 47.8 mg/m³
 Consumer - Dermal; Long term systemic effects: 7.5 mg/kg

METHANOL (CAS: 67-56-1)

DNEL

Workers - Inhalation; Long term systemic effects: 130 mg/m³
 Workers - Inhalation; Short term systemic effects: 130 mg/m³
 Workers - Inhalation; Long term local effects: 130 mg/m³
 Workers - Inhalation; Short term local effects: 130 mg/m³
 Workers - Dermal; Long term systemic effects: 20 mg/m³
 Workers - Dermal; Long term systemic effects: 20 mg/kg/day

DMEL

Workers - Dermal; Long term systemic effects: 40 mg/kg/day

PNEC

Industry - Fresh water; Long term 20.8 mg/l
 Industry - marine water; Long term 2.08 mg/l
 Industry - Intermittent release; Long term 1540 mg/l
 Industry - STP; Long term 100 mg/l
 Industry - Sediment (Freshwater); Long term 77 mg/kg
 Sediment (Marinewater); 7.7 mg/kg
 Soil; 100 mg/kg

2-phenylethanol (CAS: 60-12-8)

Pro-fit Body

DNEL	Workers - Inhalation; Long term systemic effects: 59.9 mg/m ³
	Workers - Dermal; Long term systemic effects: 21.2 mg/kg
	General population - Inhalation; Long term systemic effects: 17.7 mg/m ³
	General population - Dermal; Long term systemic effects: 12.7 mg/kg
	General population - Oral; Long term systemic effects: 5.1 mg/kg
	Workers - Oral; Short term systemic effects: 5.1 mg/kg

octamethylcyclotetrasiloxane (CAS: 556-67-2)

DNEL	Workers - Inhalation; Long term systemic effects: 73 mg/m ³
	Workers - Inhalation; Short term systemic effects: 73 mg/m ³
	Workers - Inhalation; Long term local effects: 73 mg/m ³
	Workers - Inhalation; Short term local effects: 73 mg/m ³
	Consumer - Inhalation; Long term systemic effects: 13 mg/m ³
	Consumer - Inhalation; Short term systemic effects: 13 mg/m ³
	Consumer - Inhalation; Long term local effects: 13 mg/m ³
	Consumer - Inhalation; Short term local effects: 13 mg/m ³
	Consumer - Oral; Long term systemic effects: 3.7 mg/kg bw/day
Consumer - Oral; Short term systemic effects: 3.7 mg/kg bw/day	

PNEC	Fresh water; 0.44 µg/l
	marine water; 0.044 µg/l
	Sediment (Freshwater); 0.59 mg/kg dwt
	Sediment (Marinewater); 0.059 mg/kg dwt
	Soil; 0.15 mg/kg dwt
	STP; 10 mg/l

8.2. Exposure controls

Protective equipment



Appropriate engineering controls	No specific ventilation requirements.
Eye/face protection	Safety glasses with side-shields (EN 166).
Hand protection	Chemical resistant PVC/Nitrilrubber gloves (to European standard EN 374 or equivalent). Thickness: 0,4 mm. Penetration time: >480 min (level 6). The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves.
Other skin and body protection	Wear suitable protective clothing (EN14605)
Hygiene measures	Do not eat, drink or smoke when using this product.
Respiratory protection	Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	White.
Odour	Perfume.
pH	pH (concentrated solution): 7-8
Relative density	0.97-1.03 @ 20°C

Pro-fit Body

Solubility(ies) Soluble in water.

9.2. Other information

Other information Not available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity The following materials may react with the product: Alkalis. Oxidising agents. Reducing agents.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials to avoid Strong alkalis. Oxidising agents. Reducing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Not regarded as a health hazard under current legislation.

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

ATE oral (mg/kg) 35,714.29

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation May cause skin irritation.

Animal data

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

Respiratory sensitisation

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

Skin sensitisation

Skin sensitisation May cause sensitisation or allergic reactions in sensitive individuals.

Germ cell mutagenicity

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

Carcinogenicity

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

Pro-fit Body

IARC carcinogenicity	None of the ingredients are listed or exempt.
Reproductive toxicity	
Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
Reproductive toxicity - development	Based on available data the classification criteria are not met.
Specific target organ toxicity - single exposure	
STOT - single exposure	Not classified as a specific target organ toxicant after a single exposure.
Specific target organ toxicity - repeated exposure	
STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
Aspiration hazard	
Aspiration hazard	Based on available data the classification criteria are not met.
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. Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.
Skin contact	Irritating to skin. The product contains a sensitising substance. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.
Eye contact	This product is strongly irritating. Symptoms following overexposure may include the following: Redness. Pain.
Acute and chronic health hazards	This product may cause skin and eye irritation. Repeated exposure may cause chronic eye irritation. Mild dermatitis, allergic skin rash.
Route of exposure	Skin and/or eye contact Ingestion Inhalation
Toxicological information on ingredients.	

Alcohols, C13-15, branched and linear, ethoxylated

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 1,150.0

Species Rat

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,001.0

Species Rat

ATE dermal (mg/kg) 2,001.0

MONOPROPYLENE GLYCOL

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 20,000.0

Species Rat

ATE oral (mg/kg) 20,000.0

Pro-fit Body

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 20,800.0

Species Rabbit

ATE dermal (mg/kg) 20,800.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ dust/mist mg/l) 317.042

Species Rat

ATE inhalation (dusts/mists mg/l) 317.042

ISOTRIDECANOL, ETHOXYLATED (>5-20EO)

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 301.0

Species Rat

ATE oral (mg/kg) 301.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,001.0

Species Rat

ATE dermal (mg/kg) 2,001.0

Isotridecanol, ethoxylated

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,001.0

Species Rat

ATE oral (mg/kg) 5,001.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,001.0

Species Rat

ATE dermal (mg/kg) 2,001.0

Diethyl phthalate

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,592.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 11,182.0

Pro-fit Body

Species Rabbit

N-[3-(dimethoxymethylsilyl)propyl]ethylenediamine

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 2,001.0

Species Rat

ATE oral (mg/kg) 500.0

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-Tetramethyl-2-naphthyl)Ethan-1-one

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 5,001.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 5,001.0

Species Rabbit

ATE dermal (mg/kg) 5,001.0

hexyl-2-hydroxybenzoate

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 5,001.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 5,001.0

Species Rabbit

GERANIOL

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 3,600.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 5,001.0

Species Rabbit

METHANOL

Acute toxicity - oral

ATE oral (mg/kg) 100.0

Acute toxicity - dermal

ATE dermal (mg/kg) 300.0

Pro-fit Body

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 3.0

Carcinogenicity

Carcinogenicity NOAEL 466 mg/kg/day, Oral, Rat

Specific target organ toxicity - repeated exposure

STOT - repeated exposure LOAEL 2340 mg/kg, Oral, Monkey NOAEL 1.06 mg/l, Inhalation, Rat

LINALYL ACETATE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 9,001.0

Species Rat

ATE oral (mg/kg) 9,001.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 5,001.0

Species Rabbit

ATE dermal (mg/kg) 5,001.0

Linalool

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 2,790.0

Species Rat

Acute toxicity - dermal

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

Species Rabbit

2,6-Dimethyl-7-octen-2-ol

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 3,600.0

Species Rat

ATE oral (mg/kg) 3,600.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 5,001.0

Species Rabbit

3a,4,5,6,7,7a-Hexahydro-4,7-Methano-1(3)-Inden-6-yl-Acetate

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,001.0

Pro-fit Body

Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD ₅₀ mg/kg)	5,001.0

Species	Rabbit
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Oxydipropanol

Acute toxicity - oral	
Acute toxicity oral (LD ₅₀ mg/kg)	5,001.0

Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD ₅₀ mg/kg)	5,001.0

Species	Rabbit
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1-phenylethyl acetate

Acute toxicity - oral	
Acute toxicity oral (LD ₅₀ mg/kg)	20,001.0

Species	Rat
ATE oral (mg/kg)	20,001.0

Acute toxicity - dermal	
Acute toxicity dermal (LD ₅₀ mg/kg)	8,001.0

Species	Rat
ATE dermal (mg/kg)	8,001.0

CITRONELLOL

Acute toxicity - oral	
Acute toxicity oral (LD ₅₀ mg/kg)	3,450.0

Species	Rat
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Acute toxicity - dermal	
Acute toxicity dermal (LD ₅₀ mg/kg)	2,650.0

Species	Rabbit
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Alpha-Terpineol

Acute toxicity - oral	
Acute toxicity oral (LD ₅₀ mg/kg)	4,300.0

Species	Rat
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Acute toxicity - dermal	
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Pro-fit Body

Acute toxicity dermal (LD₅₀
mg/kg) 3,001.0

Species Rabbit

2-phenylethanol

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 1,610.0

Species Rat

ATE oral (mg/kg) 1,610.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 2,001.0

Species Rabbit

2-Phenyl Ethyl Acetate

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 3,670.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 6,210.0

Species Rabbit

Butylphenyl Methylpropional

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 1,390.0

Species Rat

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 5,001.0

Species Rabbit

a,a-Dimethylphenethyl Acetate

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 3,300.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 3,001.0

Species Rabbit

Pro-fit Body

2-Tertiary-Butylcyclohexylacetate

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 4,600.0

Species Rat

ATE oral (mg/kg) 4,600.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 5,001.0

Species Rabbit

ATE dermal (mg/kg) 5,001.0

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 468.5 mg/kg, Oral, Rat

BETA-IONONE

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 4,590.0

Species Rat

Alpha-IsoMethyl Ionone

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 5,001.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 5,001.0

Species Rabbit

Reproductive toxicity

Reproductive toxicity - fertility Fertility - NOAEL 500 mg/kg body weight, Oral, Rat

Reproductive toxicity - development Developmental toxicity: - NOAEL: >30 mg/kg body weight, Oral, Rat Maternal toxicity: - NOAEL: >30 mg/kg body weight, Oral, Rat

Tricyclodecenyl Propanoate

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 5,001.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 5,001.0

Species Rabbit

Pro-fit Body

octamethylcyclotetrasiloxane

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 4,800.0

Species Rat

ATE oral (mg/kg) 4,800.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 2,401.0

Species Rat

ATE dermal (mg/kg) 2,401.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀
dust/mist mg/l) 36.0

Species Rat

ATE inhalation (dusts/mists
mg/l) 36.0

SODIUM NITRATE

Carcinogenicity

IARC carcinogenicity IARC Group 2A Probably carcinogenic to humans.

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Acute toxicity - oral

ATE oral (mg/kg) 100.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 660.0

Species Rabbit

ATE dermal (mg/kg) 660.0

Acute toxicity - inhalation

Species Rabbit

ATE inhalation (dusts/mists
mg/l) 0.5

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 3,900.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 5,000.0

Species Rabbit

Pro-fit Body

ATE dermal (mg/kg) 5,000.0

[1(E),2]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 1,821.0

Species Mouse

ATE oral (mg/kg) 500.0

METHYLUNDECANAL

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 5,001.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 10,001.0

Species Rabbit

CITRAL

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 6,800.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 2,001.0

Species Rabbit

Isobutenyl methyltetrahydropyran

Acute toxicity - oral

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

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 5,001.0

Species Rabbit

Eucalyptol

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 2,480.0

Species Rat

Acute toxicity - dermal

Pro-fit Body

Acute toxicity dermal (LD₅₀
mg/kg) 5,001.0

Species Rabbit

BENZYL SALICYLATE

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 2,227.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 14,150.0

Species Rabbit

2-propenylhexanoate

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 218.0

Species Rat

ATE oral (mg/kg) 218.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 300.0

Species Rabbit

ATE dermal (mg/kg) 300.0

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 3.0

Ethyl Methylphenylglycidate

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 5,001.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 5,001.0

Species Rabbit

4-methyl-3-decen-5-ol

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 8,001.0

Species Rat

P-Cresyl Methylether

Pro-fit Body

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 1,920.0

Species Rat

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 5,001.0

Species Rabbit

Heliotropine

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 2,700.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 5,001.0

Species Rat

ATE dermal (mg/kg) 5,001.0

EUGENOL

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 2,130.0

Species Guinea pig

ATE oral (mg/kg) 2,130.0

Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

ISO EUGENOL

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 1,560.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 1,770.0

Species Rabbit

Diphenyl Ether

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 5,001.0

Pro-fit Body

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 7,941.0

Species Rabbit

2-methylisothiazol-3(2H)-one

Acute toxicity - oral

ATE oral (mg/kg) 100.0

Acute toxicity - dermal

ATE dermal (mg/kg) 300.0

Acute toxicity - inhalation

ATE inhalation (dusts/mists
mg/l) 0.05

SECTION 12: Ecological information

Ecotoxicity Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

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

Ecological information on ingredients.

Alcohols, C13-15, branched and linear, ethoxylated

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >1-10 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: >1-10 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: >1-10 mg/l, Scenedesmus subspicatus

Acute toxicity - microorganisms EC10, : >1000 mg/l, Activated sludge

Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates NOEC, 21 days: >0.1-1 mg/l, Daphnia magna

MONOPROPYLENE GLYCOL

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 51600 mg/l, Oncorhynchus mykiss (Rainbow trout)
LC₅₀, 96 hours: 51400 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: >1000 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 96 hours: 19000 mg/l, Pseudokirchneriella subcapitata

Acute toxicity - microorganisms NOEC, 18 hours: >20000 mg/l, PSEUDOMONAS PUTIDA

Chronic aquatic toxicity

Pro-fit Body

Chronic toxicity - aquatic invertebrates NOEC, 7 days: 13020 mg/l, Ceriodaphnia Dubia (Water flea)

ISOTRIDEKANOL, ETHOXYLATED (>5-20EO)

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 1-10 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 1-10 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅₀, 72 hours: 1-10 mg/l, Algae

Isotridecanol, ethoxylated

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >1-10 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: >1-10 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: >1-10 mg/l, Algae
EC₁₀, 72 hours: >1-10 mg/l, Algae

Acute toxicity - microorganisms EC₅₀, 16 hours: >1000 mg/l, Activated sludge

Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates NOEC, : 1 mg/l, Daphnia magna

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-Tetramethyl-2-naphthyl)Ethan-1-one

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 1.3 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 1.4 mg/l, Daphnia

Acute toxicity - aquatic plants EC₅₀, 72 hours: 2.6 mg/l, Algae

Chronic aquatic toxicity

M factor (Chronic) 1

Chronic toxicity - aquatic invertebrates NOEC, 21 days: 0.028 mg/l, Daphnia

hexyl-2-hydroxybenzoate

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

M factor (Acute) 1

Acute toxicity - fish LC₅₀, 96 hours: >100 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 0.357 mg/l, Daphnia magna
EC₅₀, 96 hours: 0.39 mg/l, Daphnia magna, Freshwater invertebrates, Marinewater invertebrates

Acute toxicity - aquatic plants EC₅₀, 72 hours: 0.61 mg/l, Pseudokirchneriella subcapitata

Chronic aquatic toxicity

M factor (Chronic) 1

Pro-fit Body

GERANIOL

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 96 hours: 14 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 10.8 mg/l, Daphnia
Acute toxicity - aquatic plants	EC ₅₀ , 72 hours: 13.1 mg/l, Algae

METHANOL

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 96 hours: 15400 mg/l, Lepomis macrochirus (Bluegill) LC ₅₀ , 96 hours: >100 mg/l, Pimephales promelas (Fat-head Minnow)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: >10000 mg/l, Daphnia magna EC ₅₀ , 96 hours: 22200-23400 mg/l, Freshwater invertebrates EC ₅₀ , 48 hours: 2500 mg/l, Marinewater invertebrates
Acute toxicity - aquatic plants	EC ₅₀ , 96 hours: 22000 mg/l, Selenastrum capricornutum EC ₅₀ , 96 hours: 16.912 mg/l, Marinewater algae
Acute toxicity - microorganisms	IC ₅₀ , 15 hours: 20000 mg/l, IC ₅₀ , 3 hours: >1000 mg/l,

Chronic aquatic toxicity

Chronic toxicity - fish early life stage	NOEC, 200 hours: 15800 mg/l, Oryzias latipes (Red killifish)
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Alpha-Terpineol

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 96 hours: 70 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 73 mg/l, Daphnia
Acute toxicity - aquatic plants	EC ₅₀ , 72 hours: 68 mg/l, Algae

octamethylcyclotetrasiloxane

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 96 hours: >0.022 mg/l, Oncorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 0.015 mg/l, Daphnia magna

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Acute aquatic toxicity

LE(C) ₅₀	0.001 < L(E)C ₅₀ ≤ 0.01
M factor (Acute)	100
Acute toxicity - fish	LC ₅₀ , 96 hours: 0.58 mg/l, Danio rerio (zebra fish) LC ₅₀ , 96 hours: 0.19 mg/l, Oncorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 0.16 mg/l, Daphnia magna

Pro-fit Body

Acute toxicity - aquatic plants	IC ₅₀ , 72 hours: 0.379 mg/l, Pseudokirchneriella subcapitata NOEC, 72 hours: 0.0012 mg/l, Pseudokirchneriella subcapitata EC ₅₀ , 48 hours: 0.0052 mg/l, Skeletonema costatum NOEC, 48 hours: 0.00064 mg/l, Skeletonema costatum EC ₅₀ , 72 hours: 0.027 mg/l, Selenastrum capricornutum
Acute toxicity - microorganisms	EC ₂₀ , 3 hours: 0.97 mg/l, Activated sludge EC ₅₀ , 3 hours: 7.92 mg/l, Activated sludge
Chronic aquatic toxicity	
M factor (Chronic)	100
Chronic toxicity - fish early life stage	NOEC, 28 days: 0.098 mg/l, Oncorhynchus mykiss (Rainbow trout)
Chronic toxicity - aquatic invertebrates	NOEC, 21 days: 0.004 mg/l, Daphnia

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde

Acute aquatic toxicity	
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 76 mg/l, Daphnia
[1(E),2]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one	
Acute aquatic toxicity	
LE(C) ₅₀	0.1 < L(E)C ₅₀ ≤ 1
M factor (Acute)	1
Chronic aquatic toxicity	
M factor (Chronic)	1

METHYLUNDECANAL

Acute aquatic toxicity	
LE(C) ₅₀	0.1 < L(E)C ₅₀ ≤ 1
M factor (Acute)	1
Acute toxicity - fish	NOEC, 96 hours: 0.11 mg/l, Oncorhynchus mykiss (Rainbow trout) LC ₅₀ , 96 hours: 0.35 mg/l, Oncorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 0.21 mg/l, Daphnia NOEC, 48 hours: 0.053 mg/l, Daphnia magna
Acute toxicity - aquatic plants	NOEC, 72 hours: 0.089 mg/l, Pseudokirchneriella subcapitata EC ₅₀ , 72 hours: 0.18 mg/l, Pseudokirchneriella subcapitata
Acute toxicity - microorganisms	NOEC, : 100 mg/l, Activated sludge
Chronic aquatic toxicity	
M factor (Chronic)	1
Chronic toxicity - aquatic invertebrates	NOEC, 21 days: 0.033 mg/l, Daphnia magna

2-propenylhexanoate

Acute aquatic toxicity	
LE(C) ₅₀	0.1 < L(E)C ₅₀ ≤ 1

Pro-fit Body

M factor (Acute)	1
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 2 mg/l, Daphnia magna
	4-methyl-3-decen-5-ol
Acute aquatic toxicity	
LE(C) ₅₀	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
	EUGENOL
Acute aquatic toxicity	
LE(C) ₅₀	0.1 < L(E)C50 ≤ 1
	Diphenyl Ether
Acute aquatic toxicity	
LE(C) ₅₀	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
	2-methylisothiazol-3(2H)-one
Acute aquatic toxicity	
LE(C) ₅₀	0.1 < L(E)C50 ≤ 1
M factor (Acute)	10
Acute toxicity - fish	LC ₅₀ , 96 hours: 6 mg/l, Rainbow trout
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 1.68 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC ₅₀ , 72 hours: 0.157 mg/l, Pseudokirchneriella subcapitata
Acute toxicity - microorganisms	EC ₂₀ , 3 hours: 2.8 mg/l, Activated sludge EC ₅₀ , 3 hours: 34.6 mg/l, Activated sludge
Chronic aquatic toxicity	
M factor (Chronic)	1

12.2. Persistence and degradability

Persistence and degradability The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended).

Ecological information on ingredients.

Alcohols, C13-15, branched and linear, ethoxylated

Biodegradation	OECD 301B - Degradation >60%: OECD 303A - Degradation >=90%:
Chemical oxygen demand	2430 mg/g
	MONOPROPYLENE GLYCOL
Biodegradation	OECD 301F - Degradation >81%: 28 days - Degradation 96%: 64 days
Biological oxygen demand	1170 mg O ₂ /l

Pro-fit Body

Chemical oxygen demand 4700 mg O₂/l

Isotridecanol, ethoxylated

Biodegradation - Degradation >60%: 28 days

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-Tetramethyl-2-naphthyl)Ethan-1-one

Persistence and degradability Not readily biodegradable.

Biodegradation - 11%: 28 days

hexyl-2-hydroxybenzoate

Persistence and degradability Readily biodegradable.

Biodegradation OECD 301F - 43%: 28 days
Directive 67/548/EEC Annex V, C.4.D - Degradation 20%:

GERANIOL

Persistence and degradability Readily biodegradable.

Biodegradation - 82%: 28 days

METHANOL

Persistence and degradability The product is readily biodegradable.

Biodegradation Water - Degradation 95%: 20 days

Chemical oxygen demand 1.42

Alpha-Terpineol

Persistence and degradability Readily biodegradable.

Biodegradation - 80%: 28 days

2-Tertiary-Butylcyclohexylacetate

Biodegradation Activated sludge - Degradation 43 %: ~ 28 days

Alpha-IsoMethyl Ionone

Biodegradation - Degradation 42.51%: 28 days

METHYLUNDECANAL

Persistence and degradability Readily biodegradable.

Biodegradation Activated sludge - 62%: 28 days

2-propenylhexanoate

Persistence and degradability Readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Ecological information on ingredients.

Pro-fit Body

MONOPROPYLENE GLYCOL

Bioaccumulative potential BCF: < 0.09,

Partition coefficient log Pow: -1.07

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-Tetramethyl-2-naphthyl)Ethan-1-one

Partition coefficient log Pow: 5.65

hexyl-2-hydroxybenzoate

Partition coefficient log Pow: 5.5 (30C)

GERANIOL

Partition coefficient log Pow: 2.6

METHANOL

Partition coefficient log Pow: -0.82 / -0.66

Alpha-Terpineol

Partition coefficient log Pow: 2.67

2-Tertiary-Butylcyclohexylacetate

Bioaccumulative potential BCF: ~ 156, Oncorhynchus mykiss (Rainbow trout)

octamethylcyclotetrasiloxane

Bioaccumulative potential BCF: 12400, Pimephales promelas (Fat-head Minnow)

Partition coefficient log Pow: 5.1

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Bioaccumulative potential BCF: ~ 3.16,

Partition coefficient log Kow: ≤ 0.71

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde

Partition coefficient log Pow: 2.34

2-methylisothiazol-3(2H)-one

Bioaccumulative potential BCF: 3.16, log Kow: ≤ 0.32,

12.4. Mobility in soil

Mobility Soluble in water.

Ecological information on ingredients.

MONOPROPYLENE GLYCOL

Adsorption/desorption coefficient - Koc: 2.9 @ 20°C - Log Koc: 0.46 @ 20°C

Henry's law constant 0.00566 atm m³/mol @ 12°C

Pro-fit Body

METHANOL

Mobility

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.

Ecological information on ingredients.

METHANOL

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

Disposal methods

Dispose of in accordance with Local Authority regulations as special waste according to The Control of Special Waste Regulations 1996.

EURAL Code

SECTION 14: Transport information

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

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

SECTION 15: Regulatory information

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

National regulations

Health and Safety at Work etc. Act 1974 (as amended).

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

EH40/2005 Workplace exposure limits.

Drug Precursors Regulation (273/2004)

Danish product registration number

Danish national regulations

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Inventories

EU - EINECS/ELINCS

None of the ingredients are listed or exempt.

SECTION 16: Other information

Pro-fit Body

Abbreviations and acronyms used in the safety data sheet

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.
 RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
 IATA: International Air Transport Association.
 ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
 IMDG: International Maritime Dangerous Goods.
 CAS: Chemical Abstracts Service.
 ATE: Acute Toxicity Estimate.
 LC50: Lethal Concentration to 50 % of a test population.
 LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).
 EC₅₀: 50% of maximal Effective Concentration.
 PBT: Persistent, Bioaccumulative and Toxic substance.
 vPvB: Very Persistent and Very Bioaccumulative.

Revision comments	This is the first issue.
Revision date	13/03/2024
Revision	0
SDS number	22082
Hazard statements in full	<p>H225 Highly flammable liquid and vapour. H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H331 Toxic if inhaled. H360Fd May damage fertility. Suspected of damaging the unborn child. H370 Causes damage to organs . 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. H412 Harmful to aquatic life with long lasting effects. EUH208 Contains N-[3-(dimethoxymethylsilyl)propyl]ethylenediamine, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 2-methylisothiazol-3(2H)-one. May produce an allergic reaction.</p>

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.