

Pro-Fit Wool

Precautionary statements	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. P332+P313 If skin irritation occurs: Get medical advice/ attention.
Contains	Sodium Alkyl Ether Sulphate, Alcohols, C13-15, branched and linear, ethoxylated
Detergent labelling	5 - < 15% anionic surfactants, 5 - < 15% non-ionic surfactants, < 5% aliphatic hydrocarbons, < 5% perfumes, < 5% phosphonates, Contains 1,2-BENZOISOTHIACOL-3(2H)-ONE, 2-METHYL-2H-ISOTHIACOL-3-ONE
Supplementary precautionary statements	P264 Wash contaminated skin thoroughly after handling. P310 Immediately call a POISON CENTER/ doctor. P321 Specific treatment (see medical advice on this label). P362+P364 Take off contaminated clothing and wash it before reuse.

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

Sodium Alkyl Ether Sulphate	10-15%
CAS number: 68891-38-3	EC number: 500-234-8
Classification	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Aquatic Chronic 3 - H412	
Alcohols, C13-15, branched and linear, ethoxylated	5-10%
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	5-10%
CAS number: 57-55-6	EC number: 200-338-0
Classification	
Not Classified	
(2-methoxymethylethoxy) propanol	<1%
CAS number: 34590-94-8	EC number: 252-104-2
Classification	
Not Classified	

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SODIUM HYDROXIDE CAS number: 1310-73-2 Classification Met. Corr. 1 - H290 Acute Tox. 4 - H302 Skin Corr. 1A - H314 Eye Dam. 1 - H318	<1%
BENZALDEHYDE CAS number: 100-52-7 Classification Acute Tox. 4 - H302	0.0001%
ANISE ALCOHOL CAS number: 105-13-5 Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1B - H317	0.000018%

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

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	Unlikely route of exposure as the product does not contain volatile substances. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
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	Spray/mists may cause respiratory tract irritation. This is unlikely to occur but symptoms similar to those of ingestion may develop.
Ingestion	May cause discomfort if swallowed.
Skin contact	Causes skin irritation. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.
Eye contact	Severe irritation, burning and tearing.

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.

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.

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 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. Dispose of contents/container in accordance with national regulations.

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 contact with skin and eyes.

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. Keep container tightly closed.

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

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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

(2-methoxymethylethoxy) propanol

Long-term exposure limit (8-hour TWA): WEL 50 ppm 308 mg/m³

Sk

SODIUM HYDROXIDE

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

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through the skin.

Sodium Alkyl Ether Sulphate (CAS: 68891-38-3)

DNEL	Workers - Dermal; Long term systemic effects: 2750 mg/kg/day Consumer - Oral; Long term systemic effects: 15 mg/kg/day Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day Consumer - Inhalation; Long term systemic effects: 52 mg/m ³ Workers - Inhalation; Long term systemic effects: 175 mg/m ³ Consumer - Dermal; Long term local effects: 0.079 mg/cm ² Workers - Dermal; Long term local effects: 0.132 mg/cm ²
PNEC	- Fresh water; 0.24 mg/l - marine water; 0.024 mg/l - Intermittent release; 0.071 mg/l - Sediment (Freshwater); 0.917 mg/kg - Sediment (Marinewater); 0.092 mg/kg - Soil; 7.5 mg/kg - STP; 10000 mg/l

MONOPROPYLENE GLYCOL (CAS: 57-55-6)

DNEL	Workers - Inhalation; Long term systemic effects: 168 mg/m ³ Workers - Inhalation; Long term local effects: 10 mg/m ³ General population - Inhalation; Long term systemic effects: 50 mg/m ³ General population - Inhalation; Long term local effects: 10 mg/m ³ General population - Dermal; Long term systemic effects: 213 mg/m ³ General population - Oral; Long term systemic effects: 85 mg/m ³
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

C10-16-alkyl glycosides (CAS: 110615-47-9)

DNEL	Industry - Inhalation; : 420 mg/m ³
PNEC	Sediment; 0.48 mg/kg dwt Soil; 0.65 mg/kg dwt STP; 5000 mg/l Water; 0.1 mg/l

(2-methoxymethylethoxy) propanol (CAS: 34590-94-8)

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DNEL

Workers - Dermal; Long term systemic effects: 283 mg/kg/day
 Consumer - Oral; Long term systemic effects: 36 mg/kg/day
 Consumer - Inhalation; Long term systemic effects: 37.2 mg/m³
 Consumer - Dermal; Long term systemic effects: 121 mg/kg/day
 Workers - Inhalation; Long term systemic effects: 308 mg/kg

PNEC

- STP; 4168 mg/l
- Fresh water; 19 mg/l
- Soil; 2.74 mg/kg/day
- marine water; 1.9 mg/l
- Sediment (Freshwater); 70.2 mg/kg/day
- Intermittent release; 190 mg/l
- Sediment (Marinewater); 7.02 mg/kg/day

[2-HYDROXY-1,2,3-PROPANETRICARBOXYLICACID \(CAS: 77-92-9\)](#)

PNEC

- Fresh water; 0.44 mg/l
- marine water; 0.044
- Sediment (Freshwater); 3.46 mg/kg sediment dw
- Sediment (Marinewater); 34.6 mg/kg sediment dw
- STP; >1000 mg/l
- Soil; 33.1 mg/kg soil dw

[decyl octyl glycoside \(CAS: 68515-73-1\)](#)

DNEL

Workers - Dermal; Long term systemic effects: 595000 mg/kg bw/day
 Workers - Inhalation; Long term systemic effects: 420 mg/m³
 Consumer - Oral; Long term systemic effects: 35.7 mg/kg bw/day
 Consumer - Dermal; Long term systemic effects: 357000 mg/kg bw/day
 Consumer - Inhalation; Long term systemic effects: 124 mg/m³

PNEC

Fresh water; 0.176 mg/l
 marine water; 0.0176 mg/l
 Intermittent release; 0.27 mg/l
 Sediment (Freshwater); 1.516 mg/kg dwt
 Sediment (Marinewater); 0.152 mg/kg dwt
 Soil; 0.654 mg/kg soil dw
 STP; 560 mg/l

[2-phenylethanol \(CAS: 60-12-8\)](#)

DNEL

Workers - Inhalation; Long term systemic effects: 59.9 mg/m³
 Workers - Dermal; Long term systemic effects: 21.2 mg/kg
 General population - Inhalation; Long term systemic effects: 17.7 mg/m³
 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

[SODIUM HYDROXIDE \(CAS: 1310-73-2\)](#)

DNEL

Consumer - Inhalation; Long term local effects: 1 mg/m³
 Workers - Inhalation; Long term local effects: 1 mg/m³
 Workers - Dermal; Short term local effects: 2 mg/kg/day
 Workers - Inhalation; Short term local effects: 2 mg/m³

[BENZALDEHYDE \(CAS: 100-52-7\)](#)

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DNEL

Professional - Dermal; Long term : 34.7 mg/kg/day
 Consumer - Dermal; Long term : 20.8 mg/kg/day
 Professional - Inhalation; Long term : 10.4 mg/m³
 Consumer - Inhalation; Long term : 2.1 mg/m³
 Consumer - Oral; Long term : 25 mg/kg/day

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	Pink.
Odour	Perfume.
pH	pH (concentrated solution): 3.9-4.9
Relative density	0.99-1.06 @ 20°C
Solubility(ies)	Soluble in water.

9.2. Other information

Other information	Not available.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No potentially hazardous reactions known.
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10.4. Conditions to avoid

Conditions to avoid	Avoid contact with the following materials: Oxidising agents. Reducing agents.
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10.5. Incompatible materials

Materials to avoid	Strong oxidising agents. Strong reducing agents.
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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 LD ₅₀)	Based on available data the classification criteria are not met.
ATE oral (mg/kg)	8,928.57
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	
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.
Carcinogenicity	
Carcinogenicity	Based on available data the classification criteria are not met.
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	Spray/mists may cause respiratory tract irritation. This is unlikely to occur but symptoms similar to those of ingestion may develop.
Ingestion	Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.
Skin contact	Irritating to skin.

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Eye contact	Risk of serious damage to eyes. 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

Toxicological information on ingredients.

Sodium Alkyl Ether Sulphate

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 2,870.0

Species Rat

ATE oral (mg/kg) 2,870.0

Acute toxicity - dermal

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

Species Rat

ATE dermal (mg/kg) 2,001.0

Reproductive toxicity

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

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

Specific target organ toxicity - repeated exposure

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

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

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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

C10-16-alkyl glycosides

Acute toxicity - oral

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

Species Rat

ATE oral (mg/kg) 2,001.0

Acute toxicity - dermal

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

Species Rabbit

ATE dermal (mg/kg) 2,001.0

2-HYDROXY-1,2,3-PROPANETRICARBOXYLICACID

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,400.0

Species Mouse

ATE oral (mg/kg) 5,400.0

Acute toxicity - dermal

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

Species Rat

ATE dermal (mg/kg) 2,001.0

(2-methoxymethylethoxy) propanol

Acute toxicity - oral

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

Species Rat

ATE oral (mg/kg) 5,001.0

Acute toxicity - dermal

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Acute toxicity dermal (LD₅₀ 9,510.0 mg/kg)

Species Rabbit

ATE dermal (mg/kg) 9,510.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ 3,404.47 vapours mg/l)

Species Rat

ATE inhalation (vapours mg/l) 3,404.47

decetyl octyl glycoside

Acute toxicity - oral

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

Species Rat

ATE oral (mg/kg) 2,001.0

Acute toxicity - dermal

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

Species Rabbit

ATE dermal (mg/kg) 2,001.0

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 100 mg/kg bw/day, Oral, Rat

2,6-Dimethyl-7-Octenol-2-ol

Acute toxicity - oral

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

Species Rat

ATE oral (mg/kg) 3,600.0

Acute toxicity - dermal

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

Species Rabbit

Methyl benzoate

Acute toxicity - oral

ATE oral (mg/kg) 500.0

3-methyl-5-phenyl-1-pentanol

Acute toxicity - oral

Acute toxicity oral (LD₅₀ 1,830.0 mg/kg)

ATE oral (mg/kg) 500.0

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Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg)

2-phenylethanol

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg)

Species Rat

ATE oral (mg/kg) 1,610.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg)

Species Rabbit

SODIUM HYDROXIDE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg)

Species Rabbit

ATE oral (mg/kg) 501.0

2-Phenyl Ethyl Acetate

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg)

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg)

Species Rabbit

Allyl (3-methylbutoxy)acetate

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg)

ATE oral (mg/kg) 500.0

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 0.5

Ethyl Vanillin

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg)

Species Rat

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BENZALDEHYDE

Acute toxicity - oral

ATE oral (mg/kg) 500.0

BENZYL ALCOHOL

Acute toxicity - oral

ATE oral (mg/kg) 500.0

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 11.0

1,2-benzisothiazol-3(2H)-one

Acute toxicity - oral

ATE oral (mg/kg) 500.0

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 0.5

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 Not considered toxic to fish.

Ecological information on ingredients.

Sodium Alkyl Ether Sulphate

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >7.1 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 7.4 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: 27.7 mg/l, Algae

Chronic aquatic toxicity

Chronic toxicity - fish early life NOEC, 28 days: 0.14 mg/l, Oncorhynchus mykiss (Rainbow trout) stage

Chronic toxicity - aquatic invertebrates NOEC, 21 days: 0.27 mg/l, Daphnia magna

Alcohols, C13-15, branched and linear, ethoxylated

Acute aquatic toxicity

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Acute toxicity - fish	LC ₅₀ , 96 hours: >1-10 mg/l, Brachydanio rerio (Zebra Fish)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: >1-10 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC ₅₀ , 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	LC ₅₀ , 96 hours: 51600 mg/l, Oncorhynchus mykiss (Rainbow trout) LC ₅₀ , 96 hours: 51400 mg/l, Pimephales promelas (Fat-head Minnow)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: >1000 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC ₅₀ , 96 hours: 19000 mg/l, Pseudokirchneriella subcapitata
Acute toxicity - microorganisms	NOEC, 18 hours: >20000 mg/l, PSEUDOMONAS PUTIDA
Chronic aquatic toxicity	
Chronic toxicity - aquatic invertebrates	NOEC, 7 days: 13020 mg/l, Ceriodaphnia Dubia (Water flea)

C10-16-alkyl glycosides

Acute aquatic toxicity	
Acute toxicity - fish	LC ₅₀ , 96 hours: 2.95 mg/l, Brachydanio rerio (Zebra Fish)
Acute aquatic toxicity	
Acute toxicity - fish	LC ₅₀ , 48 hours: 440 mg/l, Oncorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 24 hours: 1535 mg/l, Daphnia magna
Acute toxicity - aquatic plants	NOEC, 8 days: 425 mg/l, Scenedesmus quadricauda (Green algae)

(2-methoxymethylethoxy) propanol

Acute aquatic toxicity	
Acute toxicity - fish	LC ₅₀ , 96 hours: >1000 mg/l, Poecilia reticulata (Guppy)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 1919 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC ₅₀ , 72 hours: >969 mg/l, Pseudokirchneriella subcapitata
Acute toxicity - microorganisms	EC10, 18 hours: 4168 mg/l,
Chronic aquatic toxicity	
Chronic toxicity - aquatic invertebrates	NOEC, 22 days: 0.5 mg/l, Daphnia magna LOEC, 22 days: 0.5 mg/l, Daphnia magna

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dedcyl octyl glycoside

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 126 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic invertebrates EC₅₀, : >100 mg/kg, Daphnia

Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates NOEC, 48 hours: >100 mg/l, Daphnia magna

3-(o-ethylphenyl)-2,2-dimethylpropionaldehyde

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C50 ≤ 1

M factor (Acute) 1

SODIUM HYDROXIDE

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 35-189 mg/l, Fish
 LC₅₀, 96 hours: 45.5 mg/l, Oncorhynchus mykiss (Rainbow trout)
 LC₅₀, 96 hours: 125 mg/l, Freshwater fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 40-240 mg/l, Daphnia magna

2-Isobutoxynaphthalene

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C50 ≤ 1

M factor (Acute) 1

Chronic aquatic toxicity

M factor (Chronic) 1

Allyl (3-methylbutoxy)acetate

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C50 ≤ 1

M factor (Acute) 1

Chronic aquatic toxicity

M factor (Chronic) 1

BENZALDEHYDE

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 1.07 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 23.7 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 96 hours: 31.3 mg/l,

Acute toxicity - microorganisms EC₅₀, 3 hours: 759 mg/l,

1,2-benzisothiazol-3(2H)-one

Pro-Fit Wool

Acute aquatic toxicity

LE(C) ₅₀	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Acute toxicity - fish	LC ₅₀ , 96 hours: 1.6 mg/l, Oncorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 2.94 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC ₅₀ , 72 hours: 0.11 mg/l, Selenastrum capricornutum
Acute toxicity - microorganisms	EC ₂₀ , 3 hours: 3.3 mg/l, Activated sludge

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
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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).
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Ecological information on ingredients.

Sodium Alkyl Ether Sulphate

Persistence and degradability	The product is readily biodegradable.
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Biodegradation	OECD 301D - Degradation 100: 28 days
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Alcohols, C13-15, branched and linear, ethoxylated

Biodegradation	OECD 301B - Degradation >60%: OECD 303A - Degradation >=90%:
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Chemical oxygen demand	2430 mg/g
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MONOPROPYLENE GLYCOL

Biodegradation	OECD 301F - Degradation >81%: 28 days - Degradation 96%: 64 days
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Biological oxygen demand	1170 mg O ₂ /l
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Chemical oxygen demand	4700 mg O ₂ /l
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(2-methoxymethylethoxy) propanol

Pro-Fit Wool

Biodegradation - Degradation 75%: ~ 28 days

2,6-Dimethyl-7-Octenol-2-ol

Persistence and degradability Readily biodegradable.

Biodegradation - 73%: 28 days

1,2-benzisothiazol-3(2H)-one

Biodegradation OECD 302B, STP - 90%:

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Ecological information on ingredients.

Sodium Alkyl Ether Sulphate

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

Partition coefficient log Pow: 0.3

MONOPROPYLENE GLYCOL

Bioaccumulative potential BCF: < 0.09,

Partition coefficient log Pow: -1.07

(2-methoxymethylethoxy) propanol

Partition coefficient log Pow: ~ 0.006

1,2-benzisothiazol-3(2H)-one

Bioaccumulative potential BCF: 6.95, Fish

Partition coefficient log Kow: 0.7

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.

Sodium Alkyl Ether Sulphate

Mobility The product is soluble in water.

Adsorption/desorption coefficient Soil - Log Koc: 0.34 @ °C

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

(2-methoxymethylethoxy) propanol

Pro-Fit Wool

Adsorption/desorption coefficient Water - Koc: ~ 0.28 @ °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.

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

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 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

Pro-Fit Wool

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

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

08/08/2024

Revision

0

SDS number

7964/22081

Hazard statements in full

H290 May be corrosive to metals.

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.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

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.