



CHRISTEYNS

SAFETY DATA SHEET

Pro-Fit Wool

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 Wool
Product number	7964/22081
UFI	UFI: 1R1Q-00GG-300V-XGDF

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

Identified uses	Detergent. Cleaning 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	(GB) NHS Direct: 111 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	Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Environmental hazards	Not Classified

2.2. Label elements

Hazard pictograms



Signal word	Danger
Hazard statements	H315 Causes skin irritation. H318 Causes serious eye damage.

Pro-Fit Wool

Precautionary statements	<p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p>
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-BENZOISOTHIAZOL-3(2H)-ONE, 2-METHYL-2H-ISOTHIAZOL-3-ONE
Supplementary precautionary statements	<p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p>

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 CAS number: 68891-38-3 EC number: 500-234-8	10-15%
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	
Alcohols, C13-15, branched and linear, ethoxylated CAS number: 157627-86-6 EC number: 931-954-4	5-10%
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	
MONOPROPYLENE GLYCOL CAS number: 57-55-6 EC number: 200-338-0	5-10%
Classification Not Classified	
(2-methoxymethylethoxy) propanol CAS number: 34590-94-8 EC number: 252-104-2	<1%
Classification Not Classified	

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SODIUM HYDROXIDE		<1%
CAS number: 1310-73-2	EC number: 215-185-5	
Classification Met. Corr. 1 - H290 Acute Tox. 4 - H302 Skin Corr. 1A - H314 Eye Dam. 1 - H318		
BENZALDEHYDE		0.0001%
CAS number: 100-52-7	EC number: 202-860-4	
Classification Acute Tox. 4 - H302		
ANISE ALCOHOL		0.000018%
CAS number: 105-13-5		
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1B - H317		

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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Pro-Fit Wool

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

Pro-Fit Wool

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/m³
 Workers - Inhalation; Long term systemic effects: 175 mg/m³
 Consumer - Dermal; Long term local effects: 0.079 mg/cm²
 Workers - Dermal; Long term local effects: 0.132 mg/cm²

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/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

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

DNEL

Industry - Inhalation; : 420 mg/m³

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)

Pro-Fit Wool

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

dedcyl 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)

Pro-Fit Wool

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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Pro-Fit Wool

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)

8,928.57

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

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.

Pro-Fit Wool

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

Pro-Fit Wool

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

Pro-Fit Wool

Acute toxicity dermal (LD₅₀
mg/kg)

9,510.0

Species

Rabbit

ATE dermal (mg/kg)

9,510.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀
vapours mg/l)

3,404.47

Species

Rat

ATE inhalation (vapours mg/l)

3,404.47

dedcyl octyl glycoside

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

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
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

Methyl benzoate

Acute toxicity - oral

ATE oral (mg/kg)

500.0

3-methyl-5-phenyl-1-pentanol

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg)

1,830.0

ATE oral (mg/kg)

500.0

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Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 3,100.0

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

SODIUM HYDROXIDE

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 501.0

Species Rabbit

ATE oral (mg/kg) 501.0

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

Allyl (3-methylbutoxy)acetate

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 730.0

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) 3,000.0

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 stage NOEC, 28 days: 0.14 mg/l, Oncorhynchus mykiss (Rainbow trout)

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

Alcohols, C13-15, branched and linear, ethoxylated

Acute aquatic toxicity

Pro-Fit Wool

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)

2-HYDROXY-1,2,3-PROPANETRICARBOXYLICACID

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)C ₅₀ ≤ 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)C ₅₀ ≤ 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.
Biodegradation	OECD 301D - Degradation 100: 28 days

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
Chemical oxygen demand	4700 mg O ₂ /l

(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). EC ₅₀ : 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.