



## SAFETY DATA SHEET

### Pro-fit Cool

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 Cool
Product number	7823/22079
UFI	UFI: QMNP-U0A1-Z00H-VAM4

##### 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	Cole & Wilson Ltd c/o Rutland Street Bradford West Yorkshire BD4 7EA T:01274 393286 F: 01274 309143 info@colewilson.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 Dam. 1 - H318
Environmental hazards	Not Classified

##### 2.2. Label elements

Hazard pictograms



Signal word	Danger
Hazard statements	H318 Causes serious eye damage.
Precautionary statements	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. P310 Immediately call a POISON CENTER/ doctor.



## Pro-fit Cool

<b>HEXYL CINNAMAL</b> <span style="float: right;">0.0093%</span> CAS number: 101-86-0 <span style="margin-left: 150px;">EC number: 202-983-3</span> M factor (Acute) = 1
<b>Classification</b> Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411
<b>d-LIMONENE</b> <span style="float: right;">0.0064%</span> CAS number: 5989-27-5 <span style="margin-left: 150px;">EC number: 227-813-5</span> M factor (Acute) = 1 <span style="margin-left: 150px;">M factor (Chronic) = 1</span>
<b>Classification</b> Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410
<b>Linalool</b> <span style="float: right;">0.003%</span> CAS number: 78-70-6 <span style="margin-left: 150px;">EC number: 201-134-4</span>
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317
<b>Diethyl phthalate</b> <span style="float: right;">&lt;1%</span> CAS number: 84-66-2 <span style="margin-left: 150px;">EC number: 201-550-6</span>
<b>Classification</b> Not Classified
<b>Alpha-IsoMethyl Ionone</b> <span style="float: right;">0.0012%</span> CAS number: 127-51-5 <span style="margin-left: 150px;">EC number: 204-846-3</span>
<b>Classification</b> Aquatic Chronic 2 - H411
<b>GERANIOL</b> <span style="float: right;">0.00096%</span> CAS number: 106-24-1 <span style="margin-left: 150px;">EC number: 203-377-1</span>
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317

## Pro-fit Cool

<b>CITRAL</b>	0.00061%
CAS number: 5392-40-5	EC number: 226-394-6
<b>Classification</b> Skin Irrit. 2 - H315 Skin Sens. 1 - H317	
<b>potassium hydroxide</b>	<1%
CAS number: 1310-58-3	EC number: 215-181-3
<b>Classification</b> Met. Corr. 1 - H290 Acute Tox. 4 - H302 Skin Corr. 1A - H314 Eye Dam. 1 - H318	

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Non-volatile liquid product.
<b>Ingestion</b>	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.
<b>Skin contact</b>	Remove contaminated clothing. Rinse immediately with plenty of water. Get medical attention promptly if symptoms occur after washing.
<b>Eye contact</b>	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

<b>Inhalation</b>	This is unlikely to occur but symptoms similar to those of ingestion may develop.
<b>Ingestion</b>	May cause stomach pain or vomiting.
<b>Skin contact</b>	Skin irritation.
<b>Eye contact</b>	May cause severe eye irritation.

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

<b>Notes for the doctor</b>	No specific recommendations. If in doubt, get medical attention promptly.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	None known.

#### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	None known.
<b>Hazardous combustion products</b>	Does not decompose when used and stored as recommended.

#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	If risk of water pollution occurs, notify appropriate authorities. Control run-off water by containing and keeping it out of sewers and watercourses.
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Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### 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.

For non-emergency personnel Prevent further leakage or spillage if safe to do so. Keep away from incompatible products.

For emergency responders Avoid discharge into drains or watercourses or onto the ground.

#### 6.2. Environmental precautions

Environmental precautions Collect and dispose of spillage as indicated in Section 13.

#### 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. 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. Collect and dispose of spillage as indicated in Section 13. See Section 11 for additional information on health hazards.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

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

Advice on general occupational hygiene When using do not eat, drink or smoke.

#### 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 Unspecified 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

##### GLYCERINE VEG

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> mist

##### Treated amorphous silica

Long-term exposure limit (8-hour TWA): 0.08 mg/m<sup>3</sup> respirable dust

##### ETHANEDIOL

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): WEL 104 mg/m<sup>3</sup>(Sk)

##### Diethyl phthalate

Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 10 mg/m<sup>3</sup>

##### Diphenyl Ether

Long-term exposure limit (8-hour TWA): WEL 1 ppm 7.1 mg/m<sup>3</sup> vapour

##### potassium hydroxide

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

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### PENTASODIUM TRIPHOSPHATE (CAS: 7758-29-4)

DNEL	<p>Workers - Dermal; Short term systemic effects: 0.375 mg/kg bw/day</p> <p>Workers - Inhalation; Short term systemic effects: 0.661 mg/m<sup>3</sup></p> <p>Workers - Dermal; Long term systemic effects: 0.375 mg/kg bw/day</p> <p>Workers - Inhalation; Long term systemic effects: 0.661 mg/l</p> <p>General population - Dermal; Short term systemic effects: 0.375 mg/kg</p> <p>General population - Inhalation; Short term systemic effects: 0.66 mg/kg bw/day</p> <p>General population - Oral; Short term systemic effects: 0.75 mg/kg</p> <p>General population - Oral; Long term systemic effects: 0.75 mg/kg bw/day</p> <p>General population - Inhalation; Long term systemic effects: 0.661 mg/m<sup>3</sup></p> <p>General population - Dermal; Long term systemic effects: 0.375 mg/kg bw/day</p>
PNEC	<p>- Fresh water; 0.005 mg/l</p> <p>- marine water; 0.005 mg/l</p> <p>- Intermittent release, Fresh water; 0.05 mg/l</p> <p>- Sediment (Freshwater); 0.19 mg/kg dw</p> <p>- Soil; 0.14 mg/kg dw</p>

### Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide

DNEL	<p>Workers - Dermal; Long term systemic effects: 85 mg/kg bw/day</p> <p>Workers - Inhalation; Long term systemic effects: 6 mg/m<sup>3</sup></p> <p>Consumer - Dermal; Long term systemic effects: 42.5 mg/kg bw/day</p> <p>Consumer - Inhalation; Long term systemic effects: 1.5 mg/m<sup>3</sup></p> <p>Consumer - Oral; Long term systemic effects: 0.425 mg/kg bw/day</p>
PNEC	<p>- Fresh water; 0.268 mg/l</p> <p>- marine water; 0.0268 mg/l</p> <p>- Intermittent release; 0.055 mg/l</p> <p>- STP; 5.6 mg/l</p> <p>- Sediment (Freshwater); 8.1 mg/kg dw</p> <p>- Sediment (Marinewater); 8.1 mg/kg dw</p> <p>- Soil; 35 mg/kg dw</p>

### Distyryl Biphenyl Derivative (CAS: 27344-41-8)

DNEL	<p>Workers - Dermal; Long term systemic effects: 53 mg/kg</p> <p>Consumer - Dermal; Long term systemic effects: 19 mg/kg</p> <p>Consumer - Oral; Long term systemic effects: 1.9 mg/kg</p> <p>Workers - Inhalation; Long term systemic effects: 20.5 mg/m<sup>3</sup></p>
PNEC	<p>Fresh water; 0.0625 mg/l</p> <p>marine water; 0.00625 mg/l</p> <p>Intermittent release; 0.1028 mg/l</p> <p>STP; 100 mg/l</p> <p>Sediment (Freshwater); 198000 mg/kg</p> <p>Sediment (Marinewater); 19800 mg/kg</p> <p>Soil; 1 mg/kg</p>

### HEXYL CINNAMAL (CAS: 101-86-0)

## Pro-fit Cool

DNEL	Workers - Inhalation; Long term systemic effects: 0.078 mg/m <sup>3</sup>
	Workers - Inhalation; Short term local effects: 6.28 mg/m <sup>3</sup>
	Workers - Dermal; Long term systemic effects: 18.2 mg/kg bw/day
	Workers - Dermal; Long term local effects: 0.525 mg/cm <sup>2</sup>
	Consumer - Inhalation; Long term systemic effects: 0.019 mg/m <sup>3</sup>
	Consumer - Inhalation; Short term local effects: 4.71 mg/m <sup>3</sup>
	Consumer - Dermal; Long term systemic effects: 9.11 mg/kg bw/day
	Consumer - Dermal; Long term local effects: 0.0787 mg/cm <sup>2</sup>
	Consumer - Dermal; Short term local effects: 0.0787 mg/cm <sup>2</sup>
Consumer - Oral; Long term systemic effects: 0.056 mg/kg bw/day	

PNEC	Fresh water; 0.00126 mg/l
	marine water; 0.000126 mg/l
	STP; 10 mg/l
	Sediment (Freshwater); 3.2 mg/kg dwt
	Sediment (Marinewater); 0.064 mg/kg dwt
Soil; 9.51 mg/kg dwt	

### TETRAHYDROLINALOOL (CAS: 78-69-3)

DNEL	Workers - Inhalation; Long term systemic effects: 2.75 mg/m <sup>3</sup>
	Workers - Dermal; Long term systemic effects: 2.5 mg/kg bw/day
	Workers - Dermal; Short term local effects: 2.76 mg/cm <sup>2</sup>
	Consumer - Inhalation; Long term systemic effects: 0.68 mg/m <sup>3</sup>
	Consumer - Oral; Long term systemic effects: 0.2 mg/kg bw/day
	Consumer - Dermal; Long term systemic effects: 1.25 mg/kg bw/day
Consumer - Dermal; Short term local effects: 2.76 mg/cm <sup>2</sup>	

PNEC	Fresh water; 0.0089 mg/l
	marine water; 0.00089 mg/l
	STP; 450 mg/l
	Sediment (Freshwater); 0.0821 mg/kg
	Sediment (Marinewater); 0.00821 mg/kg
Soil; 0.0112 mg/kg	

### GERANIOL (CAS: 106-24-1)

DNEL	Workers - Inhalation; Long term systemic effects: 161.6 mg/m <sup>3</sup>
	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/m <sup>3</sup>
Consumer - Dermal; Long term systemic effects: 7.5 mg/kg	

## 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 (EN 14605). Long sleeved protective clothing

# Pro-fit Cool

**Respiratory protection** No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance	Opaque liquid.
Colour	White.
Odour	Perfume.
pH	pH (diluted solution): 7-8 @ 1 %
Melting point	> 10°C
Initial boiling point and range	> 100°C @ 760 mm Hg
Relative density	~ 1.21 @ 20°C
Solubility(ies)	Miscible with water.
Viscosity	1750-2200 cP @ 20°C

### 9.2. Other information

**Other information** Not available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability** No particular stability concerns.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not known.

### 10.4. Conditions to avoid

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

### 10.5. Incompatible materials

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

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Thermal decomposition or combustion products may include the following substances: Oxides of the following substances: Carbon. Sulphur.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**ATE oral (mg/kg)** 16,778.52

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

**Ingestion** May cause discomfort if swallowed.

**Skin contact** Skin irritation should not occur when used as recommended.

**Eye contact** Risk of serious damage to eyes.

**Acute and chronic health hazards** Repeated exposure may cause chronic eye irritation. Mild dermatitis, allergic skin rash.



## Pro-fit Cool

Toxicological information on ingredients.

### PENTASODIUM TRIPHOSPHATE

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 2,001.0

Species Rat

ATE oral (mg/kg) 2,001.0

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 4,641.0

Species Rabbit

ATE dermal (mg/kg) 4,641.0

Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 2,001.0

Species Rat

ATE oral (mg/kg) 2,001.0

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 2,001.0

Species Rat

#### Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 85 mg/kg, Oral, Rat LOAEL 145 mg/kg, Oral, Rat NOAEL 440 mg/kg, Dermal, Mouse

### GLYCERINE VEG

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 12,600.0

Species Rat

ATE oral (mg/kg) 12,600.0

Alcohols, C13-15, branched and linear, ethoxylated

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 1,150.0

Species Rat

ATE oral (mg/kg) 500.0

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 2,001.0

Species Rat

## Pro-fit Cool

ATE dermal (mg/kg) 2,001.0

### Carboxymethyl Cellulose

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 2,001.0

Species Rat

ATE oral (mg/kg) 2,001.0

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 2,001.0

Species Rabbit

ATE dermal (mg/kg) 2,001.0

#### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> dust/mist mg/l) 5.6

Species Rat

ATE inhalation (dusts/mists mg/l) 5.6

### Distyryl Biphenyl Derivative

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 2,001.0

Species Rat

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 2,001.0

Species Rat

ATE dermal (mg/kg) 2,001.0

#### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> dust/mist mg/l) 3.9

Species Rat

### Treated amorphous silica

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 5,001.0

Species Rat

### 4-tertiary-butyl-cyclohexyl-acetate

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 5,001.0

## Pro-fit Cool

Species Rat

ATE oral (mg/kg) 5,001.0

### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub>  
mg/kg) 5,001.0

Species Rabbit

ATE dermal (mg/kg) 5,001.0

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

### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>  
mg/kg) 3,600.0

Species Rat

ATE oral (mg/kg) 3,600.0

### HEXYL CINNAMAL

### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>  
mg/kg) 3,100.0

Species Rat

### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub>  
mg/kg) 3,001.0

Species Rabbit

ATE dermal (mg/kg) 3,001.0

### d-LIMONENE

### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>  
mg/kg) 4,400.0

Species Rat

### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub>  
mg/kg) 5,001.0

Species Rabbit

### Carcinogenicity

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

### Alpha-Terpineol

### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>  
mg/kg) 4,300.0

Species Rat

### Acute toxicity - dermal

## Pro-fit Cool

Acute toxicity dermal (LD<sub>50</sub>  
mg/kg) 3,001.0

Species Rabbit

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

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>  
mg/kg) 1,020.0

Species Rat

ATE oral (mg/kg) 1,020.0

#### Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 0.5

### LINALYL ACETATE

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>  
mg/kg) 13,934.0

Species Rat

ATE oral (mg/kg) 13,934.0

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub>  
mg/kg) 5,001.0

Species Rabbit

ATE dermal (mg/kg) 5,001.0

### Linalool

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>  
mg/kg) 2,790.0

Species Rat

ATE oral (mg/kg) 2,790.0

### hexahydro-hexamethyl-cyclopenta-benzopyran

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>  
mg/kg) 4,640.0

Species Rat

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub>  
mg/kg) 6,500.0

Species Rabbit

### TETRAHYDROLINALOOL

#### Acute toxicity - oral

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Acute toxicity oral (LD<sub>50</sub>  
mg/kg) 8,270.0

Species Rat

### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub>  
mg/kg) 5,001.0

Species Rabbit

### Allyl Amyl Glycolate

### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>  
mg/kg) 302.0

ATE oral (mg/kg) 500.0

### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub>  
mg/kg) 1,105.0

ATE dermal (mg/kg) 1,100.0

### AMYL SALICYLATE

### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>  
mg/kg) 2,000.0

Species Rat

ATE oral (mg/kg) 2,000.0

### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub>  
mg/kg) 5,000.0

Species Rabbit

### GERANIOL

### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>  
mg/kg) 3,600.0

Species Rat

### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub>  
mg/kg) 5,001.0

Species Rabbit

### 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 (LD<sub>50</sub>  
mg/kg) 5,001.0

Species Rat

### Acute toxicity - dermal

## Pro-fit Cool

Acute toxicity dermal (LD<sub>50</sub>  
mg/kg) 5,001.0

Species Rabbit

ATE dermal (mg/kg) 5,001.0

7-acetyl-1,1,3,4,5-hexamethyl-1,2,3,4-tetrahydronaphthalene

Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>  
mg/kg) 1,000.0

ATE oral (mg/kg) 500.0

### METHYLUNDECANAL

Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>  
mg/kg) 5,001.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub>  
mg/kg) 10,001.0

Species Rabbit

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

Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>  
mg/kg) 3,900.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub>  
mg/kg) 5,000.0

Species Rabbit

ATE dermal (mg/kg) 5,000.0

potassium hydroxide

Acute toxicity - oral

ATE oral (mg/kg) 500.0

## SECTION 12: Ecological information

**Ecotoxicity** Environmental information currently available for the ingredients of this preparation indicates that it does not contain any ingredients currently classified as Dangerous for the Environment.

### 12.1. Toxicity

**Toxicity** Not considered toxic to fish.

Ecological information on ingredients.

### PENTASODIUM TRIPHOSPHATE

Acute aquatic toxicity

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Acute toxicity - fish	LC <sub>50</sub> , : >1850 mg/l,
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: >100 mg/l, Daphnia magna
Acute toxicity - aquatic plants	ErC50, : 160 mg/l, Desmodesmus subspicatus
Chronic aquatic toxicity	
Chronic toxicity - fish early life stage	LOEC, 96 hours: 5 mg/l, Fish

Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide

### Acute aquatic toxicity

Acute toxicity - fish	LC <sub>50</sub> , 96 hours: 1-10 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: 1-10 mg/l, Daphnia magna
Acute toxicity - aquatic plants	IC <sub>50</sub> , 72 hours: 10-100 mg/l, Algae EC10, 72 days: 1.5 mg/l, Algae
Acute toxicity - microorganisms	EC <sub>50</sub> , 17 hours: 63 mg/l, PSEUDOMONAS PUTIDA

### Chronic aquatic toxicity

Chronic toxicity - fish early life stage	NOEC, 72 days: 0.1-1 mg/l, Oncorhynchus mykiss (Rainbow trout)
Chronic toxicity - aquatic invertebrates	EC <sub>20</sub> , 32 days: 0.27 mg/l, Freshwater invertebrates

## GLYCERINE VEG

### Acute aquatic toxicity

Acute toxicity - fish	LC <sub>50</sub> , 96 hours: >5000 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: >10000 mg/l, Daphnia magna
Acute toxicity - aquatic plants	IC <sub>50</sub> , 72 hours: >2900 mg/l, Algae

Alcohols, C13-15, branched and linear, ethoxylated

### Acute aquatic toxicity

Acute toxicity - fish	LC <sub>50</sub> , 96 hours: 1-10 mg/l, Brachydanio rerio (Zebra Fish)
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: 1-10 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC <sub>50</sub> , 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, : >0.1-<1 mg/l,
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## Carboxymethyl Cellulose

### Acute aquatic toxicity

Acute toxicity - fish	LC <sub>50</sub> , 96 hours: >21000 mg/l, Oncorhynchus mykiss (Rainbow trout)
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## Pro-fit Cool

### Distyryl Biphenyl Derivative

#### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 74.8 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 24 hours: >1000 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC<sub>50</sub>, 72 hours: 10.28 mg/l, Scenedesmus subspicatus

Acute toxicity - microorganisms EC<sub>50</sub>, 4 hours: >1000 mg/l, Activated sludge

#### Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates NOEC, 21 days: 7.5 mg/l, Daphnia magna

### HEXYL CINNAMAL

#### Acute aquatic toxicity

LE(C)<sub>50</sub> 0.1 < L(E)C50 ≤ 1

M factor (Acute) 1

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 1.7 mg/l, Fish  
LC<sub>50</sub>, 96 hours: 3.1 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 48 hours: 3.86 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC<sub>50</sub>, 72 hours: 6.87 mg/l, Pseudokirchneriella subcapitata

### d-LIMONENE

#### Acute aquatic toxicity

LE(C)<sub>50</sub> 0.1 < L(E)C50 ≤ 1

M factor (Acute) 1

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 0.7 mg/l, Pimephales promelas (Fat-head Minnow)  
LC<sub>50</sub>, 96 hours: 0.8 mg/l, Fish

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 48 hours: 0.4 mg/l, Daphnia magna  
EC<sub>50</sub>, 48 hours: 69.6 mg/l, Daphnia

Acute toxicity - aquatic plants NOEC, 96 hours: 4 mg/l,  
ErC50, 72 hours: 8 mg/l, Desmodesmus subspicatus  
NOEC, 72 hours: 2.62 mg/l, Desmodesmus subspicatus

#### Chronic aquatic toxicity

M factor (Chronic) 1

Chronic toxicity - aquatic invertebrates NOEC, 16 days: estimated 0.115 mg/l, Daphnia magna

### Alpha-Terpineol

#### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 70 mg/l, Fish

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 48 hours: 73 mg/l, Daphnia

Acute toxicity - aquatic plants EC<sub>50</sub>, 72 hours: 68 mg/l, Algae



## Pro-fit Cool

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

#### Acute aquatic toxicity

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

### hexahydro-hexamethyl-cyclopenta-benzopyran

#### Acute aquatic toxicity

LE(C) <sub>50</sub>	0.1 < L(E)C <sub>50</sub> ≤ 1
M factor (Acute)	1
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: 0.9 mg/l, Daphnia
Acute toxicity - aquatic plants	IC <sub>80</sub> , 72 hours: >0.854 mg/l, Algae

#### Chronic aquatic toxicity

M factor (Chronic)	1
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### Allyl Amyl Glycolate

#### Acute aquatic toxicity

LE(C) <sub>50</sub>	0.1 < L(E)C <sub>50</sub> ≤ 1
M factor (Acute)	1

### AMYL SALICYLATE

#### Acute aquatic toxicity

LE(C) <sub>50</sub>	0.1 < L(E)C <sub>50</sub> ≤ 1
M factor (Acute)	1
Acute toxicity - fish	LC <sub>50</sub> , 96 hours: 1.34 mg/l, Fish
Chronic aquatic toxicity	
M factor (Chronic)	1

### GERANIOL

#### Acute aquatic toxicity

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

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

#### Acute aquatic toxicity

## Pro-fit Cool

Acute toxicity - fish	LC <sub>50</sub> , 96 hours: 1.3 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: 1.4 mg/l, Daphnia
Acute toxicity - aquatic plants	EC <sub>50</sub> , 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

### Cedr-8-enyl Methyl Ketone (Acetyl Cedrene)

Acute aquatic toxicity	
LE(C) <sub>50</sub>	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Chronic aquatic toxicity	
M factor (Chronic)	1

### 7-acetyl-1,1,3,4,5-hexamethyl-1,2,3,4-tetrahydronaphthalene

Acute aquatic toxicity	
LE(C) <sub>50</sub>	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Chronic aquatic toxicity	
M factor (Chronic)	1

### METHYLUNDECANAL

Acute aquatic toxicity	
LE(C) <sub>50</sub>	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Acute toxicity - fish	NOEC, 96 hours: 0.11 mg/l, Oncorhynchus mykiss (Rainbow trout) LC <sub>50</sub> , 96 hours: 0.35 mg/l, Oncorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: 0.21 mg/l, Daphnia
Acute toxicity - aquatic plants	NOEC, 72 hours: 0.089 mg/l, Pseudokirchneriella subcapitata EC <sub>50</sub> , 72 hours: 0.18 mg/l, Pseudokirchneriella subcapitata
Chronic aquatic toxicity	
M factor (Chronic)	1

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

Acute aquatic toxicity	
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: 76 mg/l, Daphnia

### potassium hydroxide

Acute aquatic toxicity	
Acute toxicity - fish	LC <sub>50</sub> , 96 hours: 44 (24h) mg/l, Fish

## 12.2. Persistence and degradability

## Pro-fit Cool

**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

**Chemical oxygen demand** 2430 mg/g

#### Distyryl Biphenyl Derivative

**Biodegradation** Not readily biodegradable.

**Chemical oxygen demand** 1507 mg/g

#### HEXYL CINNAMAL

**Persistence and degradability** Readily biodegradable.

**Biodegradation** - 97%: 28 days

#### d-LIMONENE

**Persistence and degradability** Not readily biodegradable.

#### Alpha-Terpineol

**Persistence and degradability** Readily biodegradable.

**Biodegradation** - 80%: 28 days

#### hexahydro-hexamethyl-cyclopenta-benzopyran

**Persistence and degradability** Not readily biodegradable.

#### TETRAHYDROLINALOOL

**Persistence and degradability** Readily biodegradable.

#### AMYL SALICYLATE

**Persistence and degradability** Readily biodegradable.

**Biodegradation** - Degradation 86 %:

#### GERANIOL

**Persistence and degradability** Readily biodegradable.

**Biodegradation** - 82%: 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

#### METHYLUNDECANAL

**Persistence and degradability** Readily biodegradable.

**Biodegradation** Activated sludge - 62%: 28 days

## Pro-fit Cool

### 12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Ecological information on ingredients.

#### HEXYL CINNAMAL

Partition coefficient log Pow: 5.3

#### d-LIMONENE

Partition coefficient log Kow: 2.78-5.03

#### Alpha-Terpineol

Partition coefficient log Pow: 2.67

#### hexahydro-hexamethyl-cyclopenta-benzopyran

Partition coefficient log Pow: 5.3

#### TETRAHYDROLINALOOL

Partition coefficient log Pow: 3.3

#### GERANIOL

Partition coefficient log Pow: 2.6

#### 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

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

Partition coefficient log Pow: 2.34

### 12.4. Mobility in soil

Mobility The product is non-volatile.

### 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 waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

EURAL Code

## SECTION 14: Transport information

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

## Pro-fit Cool

Not applicable.

### 14.3. Transport hazard class(es)

#### Transport labels

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). CHiP The Control of Substances Hazardous to Health Regulations
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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

Revision comments	Revision is due to addition of UFI number
Revision date	07/07/2021
Revision	6
Supersedes date	15/03/2021
SDS number	7823/22079
Hazard statements in full	H226 Flammable liquid and vapour. 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. 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.