



## SAFETY DATA SHEET

### Pro-fit Resolve

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 Resolve

Product number 7824/22076

UFI UFI: NRNP-40UW-700K-APTE

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

Identified uses Detergent. Cleaning agent.

##### 1.3. Details of the supplier of the safety data sheet

Supplier Cole & Wilson Ltd  
Rutland Street  
Bradford  
West Yorkshire  
BD4 7EA  
T:01274 393286  
F: 01274 309143  
info@colewilson.co.uk

##### 1.4. Emergency telephone number

Emergency telephone Tel: 01274 393286, Fax: 01274 309143 (8.30am-5pm Monday to Friday)

National emergency telephone number NHS Direct 111 (GB) National Poisons Information Service Tel: +44 344 892 0111 (UK) - Medical Professionals Only National Poisons Information Centre Tel: +353 (01) 809 2566 (Ireland) - Healthcare Professionals only (24 hour service)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards Not Classified

Health hazards Eye Irrit. 2 - H319

Environmental hazards Aquatic Chronic 3 - H412

##### 2.2. Label elements

Hazard pictograms



Signal word Warning

Hazard statements H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

## Pro-fit Resolve

Precautionary statements	P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/ attention. P501 Dispose of contents/ container in accordance with national regulations.
Detergent labelling	≥ 30% non-ionic surfactants, < 5% aliphatic hydrocarbons, < 5% optical brighteners
Supplementary precautionary statements	P264 Wash contaminated skin thoroughly after handling.

### 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

PEG-5 C13 Oxo Alcohol	30-50%
CAS number: 69011-36-5	EC number: 931-138-8
<b>Classification</b>	
Eye Irrit. 2 - H319	
Aquatic Chronic 3 - H412	
MONOPROPYLENE GLYCOL	15-30%
CAS number: 57-55-6	EC number: 200-338-0
<b>Classification</b>	
Not Classified	
ETHANOL	3-5%
CAS number: 64-17-5	EC number: 200-578-6
<b>Classification</b>	
Flam. Liq. 2 - H225	
Eye Irrit. 2 - H319	
METHANOL	<1%
CAS number: 67-56-1	EC number: 200-659-6
<b>Classification</b>	
Flam. Liq. 2 - H225	
Acute Tox. 3 - H301	
Acute Tox. 3 - H311	
Acute Tox. 3 - H331	
STOT SE 1 - H370	

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	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

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**Ingestion** Never give anything by mouth to an unconscious person. Do not induce vomiting. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention immediately.

**Skin contact** Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention promptly if symptoms occur after washing.

**Eye contact** Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

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

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

**Inhalation** This is unlikely to occur but symptoms similar to those of ingestion may develop. Spray/mists may cause respiratory tract irritation.

**Ingestion** May cause stomach pain or vomiting.

**Skin contact** May cause skin irritation. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

**Eye contact** This product is strongly irritating.

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

**Notes for the doctor** Treat symptomatically.

## 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** Dangerous for the environment if discharged into watercourses. If risk of water pollution occurs, notify appropriate authorities. Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes.

### 6.2. Environmental precautions

**Environmental precautions** Harmful to aquatic life with long lasting effects. Dangerous for the environment if discharged into watercourses. Do not discharge into drains or watercourses or onto the ground. 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. Inform authorities if large amounts are involved.

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### 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.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Usage precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists.
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Advice on general occupational hygiene	Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.
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### 7.2. Conditions for safe storage, including any incompatibilities

Storage precautions	Keep above the chemical's freezing point to avoid rupturing the container. Store in tightly-closed, original container.
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Storage class	Chemical storage.
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### 7.3. Specific end use(s)

Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
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## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### MONOPROPYLENE GLYCOL

Long-term exposure limit (8-hour TWA): WEL 150 ppm 474 mg/m<sup>3</sup> total vapour and particulates

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

##### ETHANOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

##### METHANOL

Long-term exposure limit (8-hour TWA): WEL 200 ppm 266 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 250 ppm 333 mg/m<sup>3</sup>

Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through the skin.

#### PEG-5 C13 Oxo Alcohol (CAS: 69011-36-5)

DNEL	Workers - Inhalation; Long term systemic effects: 294 mg/m <sup>3</sup> Consumer - Dermal; Long term systemic effects: 1250 mg/kg Consumer - Oral; Long term systemic effects: 25 mg/kg Workers - Dermal; Long term systemic effects: 2080 mg/kg Consumer - Inhalation; Long term systemic effects: 87 mg/m <sup>3</sup>
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PNEC	Sediment (Freshwater); 0.604 mg/kg Soil; 0.1 mg/kg Sediment (Marinewater); 0.0604 mg/kg Fresh water; 0.074 mg/l Intermittent release; 0.015 mg/l marine water; 0.0074 mg/l STP; 1.4 mg/l
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#### MONOPROPYLENE GLYCOL (CAS: 57-55-6)

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DNEL	Workers - Inhalation; Long term systemic effects: 168 mg/m <sup>3</sup> Workers - Inhalation; Long term local effects: 10 mg/m <sup>3</sup> General population - Inhalation; Long term systemic effects: 50 mg/m <sup>3</sup> General population - Inhalation; Long term local effects: 10 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 213 mg/m <sup>3</sup> General population - Oral; Long term systemic effects: 85 mg/m <sup>3</sup>
PNEC	<ul style="list-style-type: none"> <li>- Fresh water; 260 mg/l</li> <li>- marine water; 26 mg/l</li> <li>- Sediment (Freshwater); 572 mg/l</li> <li>- Sediment (Marinewater); 57.2 mg/l</li> <li>- Soil; 50 mg/kg</li> <li>- STP; 20000 mg/l</li> </ul> Intermittent release; 183 mg/l

### ETHANOL (CAS: 64-17-5)

DNEL	Industry - Inhalation; Short term local effects: 1900 mg/m <sup>3</sup> Industry - Dermal; Long term systemic effects: 343 mg/kg/day Industry - Inhalation; Long term systemic effects: 950 mg/m <sup>3</sup> Consumer - Inhalation; Short term local effects: 950 mg/m <sup>3</sup> Consumer - Dermal; Long term systemic effects: 206 mg/kg/day Consumer - Inhalation; Long term systemic effects: 114 mg/m <sup>3</sup> Consumer - Oral; Long term systemic effects: 87 mg/kg/day
PNEC	<ul style="list-style-type: none"> <li>Industry - Fresh water; Long term 0.96 mg/l</li> <li>Industry - marine water; Long term 0.79 mg/l</li> <li>Industry - Intermittent release; Long term 2.75 mg/l</li> <li>Industry - STP; Long term 580 mg/l</li> <li>Industry - Sediment (Freshwater); Long term 3.6 mg/kg</li> <li>Industry - Sediment (Marinewater); Long term 2.9 mg/kg</li> <li>Industry - Soil; Long term 0.63 mg/kg</li> </ul>

### METHANOL (CAS: 67-56-1)

DNEL	Workers - Inhalation; Long term systemic effects: 130 mg/m <sup>3</sup> Workers - Inhalation; Short term systemic effects: 130 mg/m <sup>3</sup> Workers - Inhalation; Long term local effects: 130 mg/m <sup>3</sup> Workers - Inhalation; Short term local effects: 130 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 20 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 20 mg/kg/day
DMEL	Workers - Dermal; Long term systemic effects: 40 mg/kg/day
PNEC	<ul style="list-style-type: none"> <li>Industry - Fresh water; Long term 20.8 mg/l</li> <li>Industry - marine water; Long term 2.08 mg/l</li> <li>Industry - Intermittent release; Long term 1540 mg/l</li> <li>Industry - STP; Long term 100 mg/l</li> <li>Industry - Sediment (Freshwater); Long term 77 mg/kg</li> <li>Sediment (Marinewater); 7.7 mg/kg</li> <li>Soil; 100 mg/kg</li> </ul>

## 8.2. Exposure controls

### Protective equipment



Appropriate engineering controls    No specific ventilation requirements.

Eye/face protection    Safety glasses with side-shields (EN 166).

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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	Light (or pale). Yellow.
Odour	Mild (or faint).
pH	pH (concentrated solution): 6.0-8.0
Relative density	0.95-1.01 @ 20°C
Solubility(ies)	Soluble in water.

#### 9.2. Other information

Other information	Not determined.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reactivity	The following materials may react with the product: Alkalies. Oxidising agents. Reducing agents.
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#### 10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
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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	There are no known conditions that are likely to result in a hazardous situation.
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#### 10.5. Incompatible materials

Materials to avoid	Strong alkalis. Oxidising agents. 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.
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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Toxicological effects	Not regarded as a health hazard under current legislation.
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#### Acute toxicity - oral

Notes (oral LD <sub>50</sub> )	Based on available data the classification criteria are not met.
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#### Acute toxicity - dermal

Notes (dermal LD <sub>50</sub> )	Based on available data the classification criteria are not met.
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Acute toxicity - inhalation	
Notes (inhalation LC <sub>50</sub> )	Based on available data the classification criteria are not met.
Skin corrosion/irritation	
Skin corrosion/irritation	May cause skin irritation.
Animal data	
Serious eye damage/irritation	
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory sensitisation	
Respiratory sensitisation	Based on available data the classification criteria are not met.
Skin sensitisation	
Skin sensitisation	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	This is unlikely to occur but symptoms similar to those of ingestion may develop.
Ingestion	May cause discomfort if swallowed. Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.
Skin contact	Irritating to skin. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.
Eye contact	This product is strongly irritating. Symptoms following overexposure may include the following: Redness. Pain.
Acute and chronic health hazards	This product may cause skin and eye irritation. Repeated exposure may cause chronic eye irritation. Mild dermatitis, allergic skin rash.
Route of exposure	Skin and/or eye contact Ingestion Inhalation
Toxicological information on ingredients.	
Acute toxicity - oral	
Acute toxicity oral (LD <sub>50</sub> mg/kg)	5,001.0

PEG-5 C13 Oxo Alcohol

Acute toxicity - oral

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

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Species	Rat
ATE oral (mg/kg)	5,001.0
<b>Acute toxicity - dermal</b>	
Acute toxicity dermal (LD <sub>50</sub> mg/kg)	5,001.0
Species	Rat
ATE dermal (mg/kg)	5,001.0
<b>Specific target organ toxicity - repeated exposure</b>	
STOT - repeated exposure	NOAEL 50 mg/kg, Oral, Rat

### MONOPROPYLENE GLYCOL

<b>Acute toxicity - oral</b>	
Acute toxicity oral (LD <sub>50</sub> mg/kg)	20,000.0
<b>Species</b>	
Species	Rat
ATE oral (mg/kg)	20,000.0
<b>Acute toxicity - dermal</b>	
Acute toxicity dermal (LD <sub>50</sub> mg/kg)	20,800.0
<b>Species</b>	
Species	Rabbit
ATE dermal (mg/kg)	20,800.0
<b>Acute toxicity - inhalation</b>	
Acute toxicity inhalation (LC <sub>50</sub> dust/mist mg/l)	317.042
<b>Species</b>	
Species	Rat
ATE inhalation (dusts/mists mg/l)	317.042

### ETHANOL

<b>Acute toxicity - oral</b>	
Acute toxicity oral (LD <sub>50</sub> mg/kg)	10,470.0
<b>Species</b>	
Species	Rat
ATE oral (mg/kg)	10,470.0
<b>Acute toxicity - dermal</b>	
Acute toxicity dermal (LD <sub>50</sub> mg/kg)	15,800.0
<b>Species</b>	
Species	Rat
ATE dermal (mg/kg)	15,800.0
<b>Acute toxicity - inhalation</b>	
Acute toxicity inhalation (LC <sub>50</sub> vapours mg/l)	20.0
<b>Species</b>	
Species	Rat

## Pro-fit Resolve

Bis-(triazinylamino)-stilbene disulfonic acid derivative (R0130)

**Acute toxicity - oral**

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

Species Rat

**Acute toxicity - dermal**

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

Species Rabbit

ATE dermal (mg/kg) 2,001.0

### METHANOL

**Acute toxicity - oral**

ATE oral (mg/kg) 100.0

**Acute toxicity - dermal**

ATE dermal (mg/kg) 300.0

**Acute toxicity - inhalation**

ATE inhalation (vapours mg/l) 3.0

**Carcinogenicity**

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

**Specific target organ toxicity - repeated exposure**

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

## SECTION 12: Ecological information

**Ecotoxicity** Dangerous for the environment if discharged into watercourses. Harmful to aquatic life with long lasting effects.

### 12.1. Toxicity

**Toxicity** Harmful to aquatic life with long lasting effects.

**Ecological information on ingredients.**

### PEG-5 C13 Oxo Alcohol

**Acute aquatic toxicity**

Acute toxicity - fish LC<sub>50</sub>, 96 hours: >1-10 mg/l, Leuciscus idus (Golden orfe)

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  
EC10, 72 hours: >0.1-1 mg/l, Skeletonema costatum

Acute toxicity - microorganisms EC10, 17 hours: >2500 mg/l, Activated sludge

**Chronic aquatic toxicity**

Chronic toxicity - fish early life NOEC, : >1 mg/l, Fish stage

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

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### MONOPROPYLENE GLYCOL

#### Acute aquatic toxicity

Acute toxicity - fish      LC<sub>50</sub>, 96 hours: 51600 mg/l, *Oncorhynchus mykiss* (Rainbow trout)  
                                   LC<sub>50</sub>, 96 hours: 51400 mg/l, *Pimephales promelas* (Fat-head Minnow)

Acute toxicity - aquatic invertebrates      EC<sub>50</sub>, 48 hours: >1000 mg/l, *Daphnia magna*

Acute toxicity - aquatic plants      EC<sub>50</sub>, 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)

### ETHANOL

#### Acute aquatic toxicity

Acute toxicity - fish      LC<sub>50</sub>, 96 hours: 13000 mg/l, *Oncorhynchus mykiss* (Rainbow trout)  
                                   LC<sub>50</sub>, 48 hours: >100 mg/l, *Leuciscus idus* (Golden orfe)  
                                   LC<sub>50</sub>, 96 hours: 14200 mg/l, *Pimephales promelas* (Fat-head Minnow)  
                                   LC<sub>50</sub>, 96 hours: 12000-16000 mg/l, *Oryzias latipes* (Red killifish)

Acute toxicity - aquatic invertebrates      EC<sub>50</sub>, 48 hours: 12340 mg/l, *Daphnia magna*

Acute toxicity - aquatic plants      EC<sub>50</sub>, 48 hours: >100 mg/l, *Selenastrum capricornutum*  
     EC<sub>50</sub>, 72 hours: 275 mg/l, *Chlorella vulgaris*

#### Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates      NOEC, 9 days: 9.6 mg/l, *Daphnia magna*

### Bis-(triazinylamino)-stilbene disulfonic acid derivative (R0130)

#### Acute aquatic toxicity

Acute toxicity - fish      LC<sub>50</sub>, 96 hours: >100 mg/l, *Oncorhynchus mykiss* (Rainbow trout)

Acute toxicity - aquatic invertebrates      EC<sub>50</sub>, 48 hours: >100 mg/l, *Daphnia magna*

Acute toxicity - aquatic plants      IC<sub>50</sub>, 72 hours: >100 mg/l, *Algae*

Acute toxicity - microorganisms      EC<sub>50</sub>, : >100 mg/l, *Activated sludge*

### METHANOL

#### Acute aquatic toxicity

Acute toxicity - fish      LC<sub>50</sub>, 96 hours: 15400 mg/l, *Lepomis macrochirus* (Bluegill)  
                                   LC<sub>50</sub>, 96 hours: >100 mg/l, *Pimephales promelas* (Fat-head Minnow)

Acute toxicity - aquatic invertebrates      EC<sub>50</sub>, 48 hours: >10000 mg/l, *Daphnia magna*  
                                   EC<sub>50</sub>, 96 hours: 22200-23400 mg/l, *Freshwater invertebrates*  
                                   EC<sub>50</sub>, 48 hours: 2500 mg/l, *Marinewater invertebrates*

Acute toxicity - aquatic plants      EC<sub>50</sub>, 96 hours: 22000 mg/l, *Selenastrum capricornutum*  
     EC<sub>50</sub>, 96 hours: 16.912 mg/l, *Marinewater algae*

Acute toxicity - microorganisms      IC<sub>50</sub>, 15 hours: 20000 mg/l,  
     IC<sub>50</sub>, 3 hours: >1000 mg/l,

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### Chronic aquatic toxicity

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

### 12.2. Persistence and degradability

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

#### Ecological information on ingredients.

##### PEG-5 C13 Oxo Alcohol

Biodegradation OECD 301B - Degradation >60%: 28 days  
Chemical oxygen demand ~ 2438 mg/g

##### MONOPROPYLENE GLYCOL

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

##### ETHANOL

Persistence and degradability The product is biodegradable.  
Biodegradation - Degradation 84%: 20 days  
Biological oxygen demand 1000 mg/g  
Chemical oxygen demand 1900 mg/g

##### METHANOL

Persistence and degradability The product is readily biodegradable.  
Biodegradation Water - Degradation 95%: 20 days  
Chemical oxygen demand 1.42

### 12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

#### Ecological information on ingredients.

##### MONOPROPYLENE GLYCOL

Bioaccumulative potential BCF: < 0.09,  
Partition coefficient log Pow: -1.07

##### ETHANOL

Partition coefficient log Pow: -0.31

##### METHANOL

Partition coefficient log Pow: -0.82 / -0.66

### 12.4. Mobility in soil

Mobility Soluble in water.

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Ecological information on ingredients.

### MONOPROPYLENE GLYCOL

Adsorption/desorption coefficient	- Koc: 2.9 @ 20°C - Log Koc: 0.46 @ 20°C
Henry's law constant	0.00566 atm m <sup>3</sup> /mol @ 12°C

### ETHANOL

Henry's law constant	3.3 x 10 exp -6 atm m <sup>3</sup> /mol @ °C
Surface tension	24.5 mN/m @ 20°C

### METHANOL

Mobility	Soluble in water.
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### 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.
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Ecological information on ingredients.

### METHANOL

Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
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### 12.6. Other adverse effects

Other adverse effects	None known.
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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

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

## Pro-fit Resolve

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

Drug Precursors Regulation  
(273/2004)

Danish product registration  
number

Danish national regulations

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### Inventories

#### EU - EINECS/ELINCS

None of the ingredients are listed or exempt.

## SECTION 16: Other information

**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<sub>50</sub>: 50% of maximal Effective Concentration.  
PBT: Persistent, Bioaccumulative and Toxic substance.  
vPvB: Very Persistent and Very Bioaccumulative.

**Revision comments** Revision is due to change of UFI number

**Revision date** 04/12/2024

**Revision** 10

**Supersedes date** 17/07/2023

**SDS number** 7824/22076

**Hazard statements in full**

H225 Highly flammable liquid and vapour.  
H301 Toxic if swallowed.  
H311 Toxic in contact with skin.  
H319 Causes serious eye irritation.  
H331 Toxic if inhaled.  
H370 Causes damage to organs .  
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.