



## SAFETY DATA SHEET

### Sultrapon EU3

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

##### 1.1. Product identifier

Product name	Sultrapon EU3
Product number	7867/21469
UFI	UFI: SESP-30PH-E009-07KR

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

Identified uses	Detergent.
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##### 1.3. Details of the supplier of the safety data sheet

Supplier	Cole & Wilson Ltd Nabbs Lane Chemical Works Nabbs Lane Slaithwaite Huddersfield HD7 5AT Tel: 01484 842353 info@coleandwilson.com
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##### 1.4. Emergency telephone number

Emergency telephone	Tel: 01484 842353 (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 (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Environmental hazards	Aquatic Chronic 3 - H412

##### 2.2. Label elements

###### Hazard pictograms



Signal word	Danger
Hazard statements	H315 Causes skin irritation. H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects.

## Sultrapon EU3

<b>Precautionary statements</b>	<p>P273 Avoid release to the environment.</p> <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>P501 Dispose of contents/ container in accordance with national regulations.</p>
<b>Contains</b>	<p>Dodecylbenzenesulphonic acid, compound with 2,2'-iminodiethanol (1:1), Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl), SODIUM DI-OCTYL SULPHOSUCCINATE , Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide, 2-Propylheptanol, ethoxylated</p>
<b>Detergent labelling</b>	<p>5 - &lt; 15% aliphatic hydrocarbons, 5 - &lt; 15% anionic surfactants, 5 - &lt; 15% non-ionic surfactants, &lt; 5% cationic surfactants</p>
<b>Supplementary precautionary statements</b>	<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>P332+P313 If skin irritation occurs: Get medical advice/ attention.</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

<p>2-(2-butoxyethoxy)ethanol <span style="float: right;">10-15%</span></p> <p>CAS number: 112-34-5                      EC number: 203-961-6                      REACH registration number: 01-2119475104-44-0000</p>
<p><b>Classification</b></p> <p>Eye Irrit. 2 - H319</p>
<p>White Mineral Oil (Petroleum) <span style="float: right;">5-10%</span></p> <p>CAS number: 8042-47-5                      EC number: 232-455-8                      REACH registration number: 01-2119487078-27-0015</p>
<p><b>Classification</b></p> <p>Asp. Tox. 1 - H304</p>
<p>Dodecylbenzenesulphonic acid, compound with 2,2'-iminodiethanol (1:1) <span style="float: right;">5-10%</span></p> <p>CAS number: 26545-53-9                      EC number: 247-784-2</p>
<p><b>Classification</b></p> <p>Skin Irrit. 2 - H315</p> <p>Eye Dam. 1 - H318</p>

## Sultrapon EU3

Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)	5-10%
CAS number: 68155-07-7	EC number: 931-329-6
	REACH registration number: 01-2119490100-53-XXXX
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 2 - H411	
SODIUM DI-OCTYL SULPHOSUCCINATE	3-5%
CAS number: 577-11-7	EC number: 209-406-4
	REACH registration number: 01-2119491296-29-XXXX
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318	
Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide	3-5%
CAS number: —	EC number: 932-051-8
	REACH registration number: 01-2119565112-48-XXXX
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	
2-Propylheptanol, ethoxylated	1-3%
CAS number: 160875-66-1	
<b>Classification</b> Acute Tox. 4 - H302 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>General information</b>	Get medical attention if symptoms are severe or persist. Remove affected person from source of contamination.
<b>Inhalation</b>	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.
<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>	Wash skin thoroughly with soap and water. Remove contaminated clothing. 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

## Sultrapon EU3

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Spray/mists may cause respiratory tract irritation. This is unlikely to occur but symptoms similar to those of ingestion may develop.
Ingestion	May cause discomfort if swallowed.
Skin contact	Causes skin irritation. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.
Eye contact	Severe irritation, burning and tearing.

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

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

### 5.1. Extinguishing media

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

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

### 5.3. Advice for firefighters

Protective actions during firefighting	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 conforming to European standard EN469 (including helmets, protective boots and gloves) 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.
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### 6.2. Environmental precautions

Environmental precautions	Dangerous for the environment if discharged into watercourses. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Absorb in vermiculite, dry sand or earth and place into containers. Flush spilled material into suitable retaining areas or container with large quantities of water. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of contents/container in accordance with national regulations.
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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

## Sultrapon EU3

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

##### 2-(2-butoxyethoxy)ethanol

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m<sup>3</sup>

##### 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

WEL = Workplace Exposure Limit.

##### 2-(2-butoxyethoxy)ethanol (CAS: 112-34-5)

DNEL	Industry - Inhalation; : 101.2 mg/m <sup>3</sup>
	Industry - Dermal; : 20 mg/kg/day
	Industry - Inhalation; : 67.5 mg/m <sup>3</sup>
	Consumer - Inhalation; : 34 mg/m <sup>3</sup>
	Consumer - Dermal; : 10 mg/kg/day
	Consumer - Oral; : 1.25 mg/kg/day

PNEC	- Fresh water; 1 mg/l
	- Sediment (Freshwater); 4 mg/kg
	- Sediment (Marinewater); 0.4 mg/kg
	- marine water; 0.1 mg/l
	Soil; 0.4 mg/kg

##### Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl) (CAS: 68155-07-7)

DNEL	Industry - Dermal; Long term systemic effects: 4.16
	Industry - Dermal; Long term local effects: 0.09
	Industry - Inhalation; Long term systemic effects: 73.4 mg/m <sup>3</sup>
	Consumer - Inhalation; Long term systemic effects: 21.7 mg/m <sup>3</sup>
	Consumer - Dermal; Long term local effects: 0.056
	Consumer - Oral; Long term systemic effects: 6.25

PNEC	Fresh water; 0.007 mg/l
	marine water; 0.0007 mg/l
	Intermittent release; 0.024 mg/l
	Sediment; 0.0424 mg/kg
	Soil; 0.0189 mg/kg
	STP; 830 mg/l

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

## Sultrapon EU3

DNEL	Workers - Dermal; Long term systemic effects: 85 mg/kg bw/day Workers - Inhalation; Long term systemic effects: 6 mg/m <sup>3</sup> Consumer - Dermal; Long term systemic effects: 42.5 mg/kg bw/day Consumer - Inhalation; Long term systemic effects: 1.5 mg/m <sup>3</sup> Consumer - Oral; Long term systemic effects: 0.425 mg/kg bw/day
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PNEC	- Fresh water; 0.268 mg/l - marine water; 0.0268 mg/l - Intermittent release; 0.055 mg/l - STP; 5.6 mg/l - Sediment (Freshwater); 8.1 mg/kg dw - Sediment (Marinewater); 8.1 mg/kg dw - Soil; 35 mg/kg dw
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### MONOPROPYLENE GLYCOL (CAS: 57-55-6)

DNEL	Workers - Inhalation; Long term systemic effects: 186 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>
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PNEC	- Fresh water; 206 mg/l - marine water; 26 mg/l - Sediment (Freshwater); 572 mg/l - Sediment (Marinewater); 57.2 mg/l - Soil; 50 mg/kg dw - STP; 20000 mg/l
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### Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized

PNEC	Fresh water; 0.00191 mg/l marine water; 0.000191 mg/l STP; 2.96 mg/l Sediment (Freshwater); 0.58 mg/kg dwt Sediment (Marinewater); 0.058 mg/kg dwt
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## 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

## Sultrapon EU3

Appearance	Liquid.
Colour	Yellowish.
Odour	Characteristic.
pH	pH (concentrated solution): 7.0-8.0
Initial boiling point and range	>100°C @ 760 mm Hg
Flash point	> 61°C Closed cup.
Relative density	0.98 @ 15°C
Solubility(ies)	Soluble in water.
Auto-ignition temperature	>200°C
Viscosity	90 cP @ 20°C

### 9.2. Other information

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

### 10.1. Reactivity

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

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

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

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

Materials to avoid	Strong oxidising agents. Strong reducing agents.
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.
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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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ATE oral (mg/kg)	72,961.37
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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.
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#### Skin corrosion/irritation

Skin corrosion/irritation	Causes skin irritation.
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#### Serious eye damage/irritation

Serious eye damage/irritation	Causes serious eye damage.
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## Sultrapon EU3

### 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.

### 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.

#### 2-(2-butoxyethoxy)ethanol

##### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 2,410.0

Species Mouse

ATE oral (mg/kg) 2,410.0

##### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 2,764.0

Species Rabbit

## Sultrapon EU3

ATE dermal (mg/kg) 2,764.0

### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 29.0

Species Rat

ATE inhalation (vapours mg/l) 29.0

### Polyethyleneglycol 400 Monooleate

#### Acute toxicity - oral

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

Species Rat

ATE oral (mg/kg) 2,001.0

### Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)

#### Acute toxicity - oral

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

Species Rat

ATE oral (mg/kg) 5,001.0

#### Acute toxicity - dermal

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

Species Rat

ATE dermal (mg/kg) 2,001.0

### 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

### 2-Propylheptanol, ethoxylated

#### Acute toxicity - oral

ATE oral (mg/kg) 500.0

### MONOPROPYLENE GLYCOL

## Sultrapon EU3

### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 22,000.0

Species Rat

ATE oral (mg/kg) 22,000.0

### Acute toxicity - dermal

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

Species Rabbit

Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized

### 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

ATE dermal (mg/kg) 2,001.0

### Reproductive toxicity

Reproductive toxicity - fertility Fertility - NOAEL 1000 mg/kg, Oral, Rat

### DIETHANOLAMINE

### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 1,140.0

Species Rat

ATE oral (mg/kg) 1,140.0

### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 8,201.0

Species Rabbit

ATE dermal (mg/kg) 8,201.0

### Carcinogenicity

IARC carcinogenicity IARC Group 2B Possibly carcinogenic to humans.

## 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** Not considered toxic to fish.

## Sultrapon EU3

### Ecological information on ingredients.

#### 2-(2-butoxyethoxy)ethanol

##### Acute aquatic toxicity

Acute toxicity - fish	LC <sub>50</sub> , : >100 mg/l, Leuciscus idus (Golden orfe)
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: >50 mg/l, Algae

#### White Mineral Oil (Petroleum)

Toxicity	Not toxic
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#### Polyethyleneglycol 400 Monooleate

##### Acute aquatic toxicity

Acute toxicity - fish	LC <sub>50</sub> , 96 hours: >100 mg/l, Carassius auratus (Goldfish)
Acute toxicity - aquatic plants	EC <sub>50</sub> , 48 hours: >100 mg/l, Algae

#### Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)

##### Acute aquatic toxicity

Acute toxicity - fish	LC <sub>50</sub> , 96 hours: 2.4 mg/l,
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: 3.2 mg/l, Daphnia magna
Acute toxicity - aquatic plants	IC <sub>50</sub> , 72 hours: 3.9 mg/l, Algae

##### Chronic aquatic toxicity

Chronic toxicity - fish early life stage	NOEC, 28 days: 0.32 mg/l,
Chronic toxicity - aquatic invertebrates	NOEC, 21 days: 0.07 mg/l, Daphnia magna

#### 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 EC <sub>10</sub> , 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

#### MONOPROPYLENE GLYCOL

##### Acute aquatic toxicity

## Sultrapon EU3

Acute toxicity - fish	LC <sub>50</sub> , 96 hours: 40613 mg/l, Oncorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: 43500 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC <sub>50</sub> , 96 hours: 19000 mg/l, EC <sub>50</sub> , 96 hours: 19100 mg/l, Skeletonema costatum
Acute toxicity - microorganisms	NOEC, 18 hours: 20000 mg/l, PSEUDOMONAS PUTIDA

### Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized

#### Acute aquatic toxicity

Acute toxicity - fish	LC <sub>50</sub> , 96 hours: 1.91 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: 2.23 mg/l, Daphnia
Acute toxicity - aquatic plants	EC <sub>50</sub> , 72 hours: 2.14 mg/l, Algae

### DIETHANOLAMINE

#### Acute aquatic toxicity

Acute toxicity - fish	LC <sub>50</sub> , 96 hours: 1460-2100 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: 55-122 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC <sub>50</sub> , 96 hours: 2.2 mg/l, Pseudokirchneriella subcapitata
Acute toxicity - microorganisms	EC <sub>50</sub> , 3 hours: >1000 mg/l, Activated sludge

## 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 Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.
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### Ecological information on ingredients.

#### 2-(2-butoxyethoxy)ethanol

Persistence and degradability	The product is biodegradable. >70% Readily biodegradable
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#### Sorbitan oleate

Persistence and degradability	The product is biodegradable.
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#### White Mineral Oil (Petroleum)

Persistence and degradability	Inherently biodegradable. Not readily biodegradable.
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#### Polyethyleneglycol 400 Monooleate

Persistence and degradability	Easily biodegradable
Biodegradation	- 60%: > 28 days

#### Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)

Persistence and degradability	This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.
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## Sultrapon EU3

Biodegradation - Degradation (%) 92.5: 28 days

Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized

Biodegradation - >70%: 56 days

DIETHANOLAMINE

Biodegradation - 93%: 28 days

### 12.3. Bioaccumulative potential

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

Ecological information on ingredients.

2-(2-butoxyethoxy)ethanol

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

Partition coefficient 1

Sorbitan oleate

Bioaccumulative potential No potential for bioaccumulation.

White Mineral Oil (Petroleum)

Bioaccumulative potential Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)

Bioaccumulative potential BCF: 65.36,

Partition coefficient log Pow: 3.75

DIETHANOLAMINE

Bioaccumulative potential Bioaccumulation is unlikely.

Partition coefficient log Pow: <1

### 12.4. Mobility in soil

Mobility Soluble in water.

### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

2-(2-butoxyethoxy)ethanol

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

Sorbitan oleate

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

White Mineral Oil (Petroleum)

## Sultrapon EU3

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized

**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

**EU legislation** Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
Commission Regulation (EU) No 2015/830 of 28 May 2015.  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## Sultrapon EU3

### 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.  
 LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.  
 LD<sub>50</sub>: 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** 08/06/2021

**Revision** 5

**Supersedes date** 22/05/2019

**SDS number** 7867/21469

**Hazard statements in full**

H302 Harmful if swallowed.  
 H304 May be fatal if swallowed and enters airways.  
 H315 Causes skin irritation.  
 H318 Causes serious eye damage.  
 H319 Causes serious eye irritation.  
 H411 Toxic to aquatic life with long lasting effects.  
 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.