



SAFETY DATA SHEET

Sultraspot Protein

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	Sultraspot Protein
Product number	7868/21479
UFI	UFI: 3GSP-M0CW-R001-NY9J

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	Christeyns NV Afrikalaan 182 9000 Gent Belgium Tel: +32 9 223 38 71 info@christeyns.be
Manufacturer	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	Christeyns NV: Tel: +32 9 223 38 71 (Mon-Fri 8am-4pm)
National emergency telephone number	(DE) Giftnotruf Berlin +49 30 19240 (24h erreichbar) (DE) Giftnotruf Berlin +49 (0)30 30686 790 (CH) STIZ, tel. 145 (CH) Centre suisse d'information toxicologique: +41.(0)1.251.51.51 (AT) Vergiftungsinformationszentrale: +43 1 40 400 2222 worldwide: http://www.who.int/ipcs/poisons/centre/directory/en (FR) CENTRE ANTI-POISON France: +33 45 42 59 59 ORFILA (INRS) (FR) CENTRE ANTI-POISON Nancy: +33 (03) 83 26 36 36 (FI) Myrkytystietokeskus +358 9 471 977 (BE) Belgisch Antigifcentrum/Centre Antipoisons Belge : +32 70 245 245 (ES) Teléfono Instituto Nacional de Toxicología: 915 620 420 (GB) NHS 111 (IT) Centro Antiveleni, Ospedale Niguarda Milano: +39 02 6610 1029 (CZ) Toxikologické informační středisko, Klinika pracovního lékařství VFN a 1. LF UK, Na Bojišti 1, 120 00 Praha 2: +420 224 919 293, +420 224 915 402 (SK) Národné toxikologické informačné centrum, Univerzitná nemocnica Bratislava, pracovisko Kramáre, Klinika pracovního lékařstva a toxikológie, Limbová 5, 833 05 Bratislava : +421 2 54 77 41 66

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Sultraspot Protein

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

2.2. Label elements

Hazard pictograms



Signal word	Danger
Hazard statements	H315 Causes skin irritation. H318 Causes serious eye damage.
Precautionary statements	P264 Wash contaminated skin thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Contains	Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide
Detergent labelling	5 - < 15% aliphatic hydrocarbons, 5 - < 15% anionic surfactants, < 5% soap
Supplementary precautionary statements	P310 Immediately call a POISON CENTER/ doctor. P321 Specific treatment (see medical advice on this label). P332+P313 If skin irritation occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

BENZENESULPHONIC ACID, 4-C10-13-sec-alkyl derivs., compds. with 2-propanamine CAS number: 84961-74-0 EC number: 284-664-9	5-10%
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Aquatic Chronic 3 - H412	
Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide CAS number: — EC number: 932-051-8	3-5%
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	

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<p>2-(2-butoxyethoxy)ethanol</p> <p>CAS number: 112-34-5 EC number: 203-961-6</p>	1-3%
<p>Classification</p> <p>Eye Irrit. 2 - H319</p>	
<p>(2-methoxymethylethoxy) propanol</p> <p>CAS number: 34590-94-8 EC number: 252-104-2</p>	1-3%
<p>Classification</p> <p>Not Classified</p>	
<p>MONOPROPYLENE GLYCOL</p> <p>CAS number: 57-55-6 EC number: 200-338-0</p>	<1%
<p>Classification</p> <p>Not Classified</p>	
<p>2-AMINOETHANOL</p> <p>CAS number: 141-43-5 EC number: 205-483-3</p>	<1%
<p>Classification</p> <p>Acute Tox. 4 - H302</p> <p>Acute Tox. 4 - H312</p> <p>Acute Tox. 4 - H332</p> <p>Skin Corr. 1B - H314</p> <p>Eye Dam. 1 - H318</p> <p>STOT SE 3 - H335</p>	

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Get medical attention if symptoms are severe or persist. Remove affected person from source of contamination.
Inhalation	Unlikely route of exposure as the product does not contain volatile substances. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention immediately.
Skin contact	Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention promptly if symptoms occur after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

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

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Spray/mists may cause respiratory tract irritation. This is unlikely to occur but symptoms similar to those of ingestion may develop.
Ingestion	May cause discomfort if swallowed.

Sultraspot Protein

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.

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. Oxides of the following substances: Carbon. Nitrogen. Sulphur.

5.3. Advice for firefighters

Protective actions during firefighting If risk of water pollution occurs, notify appropriate authorities. Control run-off water by containing and keeping it out of sewers and watercourses.

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

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

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid contact with skin and eyes.

Advice on general occupational hygiene Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep above the chemical's freezing point to avoid rupturing the container. Keep container tightly closed.

Storage class Chemical storage.

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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.

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/m³

Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m³

(2-methoxymethylethoxy) propanol

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

Sk

MONOPROPYLENE GLYCOL

Long-term exposure limit (8-hour TWA): WEL 150 ppm 474 mg/m³ total vapour and particulates

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ particulate

2-AMINOETHANOL

Long-term exposure limit (8-hour TWA): WEL 1 ppm 2.5 mg/m³

Short-term exposure limit (15-minute): WEL 3 ppm 7.6 mg/m³

Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through the skin.

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

DNEL

Workers - Dermal; Long term systemic effects: 85 mg/kg bw/day
 Workers - Inhalation; Long term systemic effects: 6 mg/m³
 Consumer - Dermal; Long term systemic effects: 42.5 mg/kg bw/day
 Consumer - Inhalation; Long term systemic effects: 1.5 mg/m³
 Consumer - Oral; Long term systemic effects: 0.425 mg/kg bw/day

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

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

DNEL

Workers - Inhalation; Long term systemic effects: 67.5 mg/m³
 Workers - Dermal; Long term systemic effects: 83 mg/kg/day
 Workers - Inhalation; Short term local effects: 101.2 mg/m³
 Workers - Inhalation; Long term local effects: 67.5 mg/m³
 Consumer - Inhalation; Short term local effects: 60.7 mg/m³
 Consumer - Inhalation; Long term systemic effects: 40.5 mg/m³
 Consumer - Dermal; Long term systemic effects: 50 mg/kg/day
 Consumer - Oral; Long term systemic effects: 5 mg/kg/day
 Consumer - Inhalation; Long term local effects: 40.5 mg/m³

PNEC

- Fresh water; 1.1 mg/l
- marine water; 0.11 mg/l
- Intermittent release; 11 mg/l
- Sediment (Freshwater); 4.4 mg/kg
- Sediment (Marinewater); 0.44 mg/kg
- STP; 200 mg/l
- Soil; 0.32 mg/kg

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

DNEL	Workers - Dermal; Long term systemic effects: 283 mg/kg/day Consumer - Oral; Long term systemic effects: 36 mg/kg/day Consumer - Inhalation; Long term systemic effects: 37.2 mg/m ³ Consumer - Dermal; Long term systemic effects: 121 mg/kg/day Workers - Inhalation; Long term systemic effects: 308 mg/kg
PNEC	- STP; 4168 mg/l - Fresh water; 19 mg/l - Soil; 2.74 mg/kg/day - marine water; 1.9 mg/l - Sediment (Freshwater); 70.2 mg/kg/day - Intermittent release; 190 mg/l - Sediment (Marinewater); 7.02 mg/kg/day

MONOPROPYLENE GLYCOL (CAS: 57-55-6)

DNEL	Workers - Inhalation; Long term systemic effects: 186 mg/m ³ Workers - Inhalation; Long term local effects: 10 mg/m ³ General population - Inhalation; Long term systemic effects: 50 mg/m ³ General population - Inhalation; Long term local effects: 10 mg/m ³
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

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	To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation. Wear protective gloves made of the following material: Neoprene. Nitrile rubber. Polyethylene. Polyvinyl chloride (PVC).
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	Yellow.
Odour	Ammonia.
pH	pH (concentrated solution): 8.5-10.5
Flash point	> 61°C Closed cup.
Relative density	0.995 @ 15°C

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Solubility(ies) Soluble in water.

Viscosity 7 cP @ 20°C

9.2. Other information

Other information Not determined.

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No potentially hazardous reactions 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 Strong oxidising agents. Strong reducing agents.

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. Oxides of the following substances: Carbon. Nitrogen. Sulphur.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Not regarded as a health hazard under current legislation.

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

IARC carcinogenicity

None of the ingredients are listed or exempt.

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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.

BENZENESULPHONIC ACID, 4-C10-13-sec-alkyl derivs., compds. with 2-propanamine

Acute toxicity - oral

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

Species Rat

ATE oral (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 (LD₅₀ mg/kg) 3,500.0

Species Rat

ATE oral (mg/kg) 3,500.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 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

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2-(2-butoxyethoxy)ethanol

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 2,410.0

Species Mouse

ATE oral (mg/kg) 2,410.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,764.0

Species Rabbit

ATE dermal (mg/kg) 2,764.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 29.0

Species Rat

ATE inhalation (vapours mg/l) 29.0

(2-methoxymethylethoxy) propanol

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 8,740.0

Species Rat

ATE oral (mg/kg) 8,740.0

Acute toxicity - dermal

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

Species Rabbit

ATE dermal (mg/kg) 9,510.0

Acute toxicity - inhalation

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

Species Rat

ATE inhalation (vapours mg/l) 3,404.47

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Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 20,000.0

Species Rat

ATE oral (mg/kg) 20,000.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 22,500.0

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Species	Rat
ATE dermal (mg/kg)	22,500.0

2-AMINOETHANOL

Acute toxicity - oral	
ATE oral (mg/kg)	500.0
Acute toxicity - dermal	
ATE dermal (mg/kg)	1,100.0

SECTION 12: Ecological information

Ecotoxicity Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Toxicity Not considered toxic to fish.

Ecological information on ingredients.

BENZENESULPHONIC ACID, 4-C10-13-sec-alkyl derivs., compds. with 2-propanamine

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 96 hours: 1.67-6.8 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 7.1 mg/l, Daphnia magna
Acute toxicity - aquatic plants	ECr50, 72 hours: 160 mg/l, Algae

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 ₅₀ , 96 hours: >1-10 mg/l, Cyprinus carpio (Common carp)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: >1-10 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC ₅₀ , 72 hours: >10-100 mg/l, Desmodemus subspicatus EC10, 72 hours: 1.5 mg/l, Desmodemus subspicatus
Acute toxicity - microorganisms	EC ₅₀ , 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 ₂₀ , 32 days: 0.27 mg/l, Corbicula

2-(2-butoxyethoxy)ethanol

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 96 hours: 2700 mg/l, Fish LC ₅₀ , 96 hours: 1300 mg/l, Lepomis macrochirus (Bluegill)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: >100 mg/l, Daphnia magna

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Acute toxicity - aquatic plants EC₅₀, 96 hours: > 100 mg/l, Scenedesmus subspicatus
 EyC₅₀, 96 hours: > 100 mg/l, Scenedesmus subspicatus

Acute toxicity - microorganisms EC₁₀, 0.5 hour: > 1995 mg/l, Activated sludge
 EC₅₀, : 255 mg/l, Activated sludge

(2-methoxymethylethoxy) propanol

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >1000 mg/l, Poecilia reticulata (Guppy)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 1919 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: >969 mg/l, Pseudokirchneriella subcapitata

Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates NOEC, 22 days: 0.5 mg/l, Daphnia magna
 LOEC, 22 days: 0.5 mg/l, Daphnia magna

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Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 40613 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 43500 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 96 hours: 19000 mg/l,
 EC₅₀, 96 hours: 19100 mg/l, Skeletonema costatum

Acute toxicity - microorganisms NOEC, 18 hours: 20000 mg/l, PSEUDOMONAS PUTIDA

2-AMINOETHANOL

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 329 mg/l, Lepomis macrochirus (Bluegill)
 LC₅₀, 96 hours: >100 mg/l, Cyprinus carpio (Common carp)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 65 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: 15 mg/l, Desmodium subspicatus

Acute toxicity - microorganisms EC₁₀, 17 hours: 87 mg/l, PSEUDOMONAS PUTIDA

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.

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

Biodegradation OECD 301A - Degradation >70%: 28 days

2-(2-butoxyethoxy)ethanol

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

Biodegradation OECD 302B - Degradation 100%: 28 days

Sultraspot Protein

(2-methoxymethylethoxy) propanol

Biodegradation - Degradation 75%: ~ 28 days

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Ecological information on ingredients.

2-(2-butoxyethoxy)ethanol

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

Partition coefficient log Pow: 1.00

(2-methoxymethylethoxy) propanol

Partition coefficient log Pow: ~ 0.006

12.4. Mobility in soil

Mobility Soluble in water.

Ecological information on ingredients.

2-(2-butoxyethoxy)ethanol

Adsorption/desorption coefficient - Koc: 2 @ 20°C

(2-methoxymethylethoxy) propanol

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

12.5. Results of PBT and vPvB assessment

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

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 UK criteria.

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.

Sultraspot Protein

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

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).
 EC₅₀: 50% of maximal Effective Concentration.
 PBT: Persistent, Bioaccumulative and Toxic substance.
 vPvB: Very Persistent and Very Bioaccumulative.

Revision comments	Revision is due to address change Revision is due to change of UFI number
Revision date	27/10/2022
Revision	9
Supersedes date	10/06/2021
SDS number	7868/21479

Sultraspot Protein

Hazard statements in full

H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.

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