



SAFETY DATA SHEET

Sultraspot Mineral

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 Sultraspot Mineral

Product number 7873/21489

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

Identified uses Detergent.

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
Nabbs Lane Chemical Works
Nabbs Lane
Slaithwaite
Huddersfield
HD7 5AT
Tel: 01484 842353
info@coleandwilson.com

1.4. Emergency telephone number

Emergency telephone (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 toxikologie, Limbová 5, 833 05 Bratislava : +421 2 54 77 41 66

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

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Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Eye Irrit. 2 - H319
Environmental hazards	Not Classified

2.2. Label elements

Hazard pictograms



Signal word	Warning
Hazard statements	H319 Causes serious eye irritation.
Precautionary statements	P264 Wash contaminated skin thoroughly after handling. 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.
Detergent labelling	≥ 30% aliphatic hydrocarbons, 5 - < 15% anionic surfactants

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

(2-methoxymethylethoxy) propanol			50-80%
CAS number: 34590-94-8	EC number: 252-104-2	REACH registration number: 01-2119450011-60-XXXX	
Classification Not Classified			
2-butoxyethyl acetate			10-15%
CAS number: 112-07-2	EC number: 203-933-3	REACH registration number: 01-2119457112-47-0000	
Classification Acute Tox. 4 - H312 Acute Tox. 4 - H332			
2-(2-butoxyethoxy) ethanol			10-15%
CAS number: 112-34-5	EC number: 203-961-6	REACH registration number: 01-2119475104-44-0000	
Classification Eye Irrit. 2 - H319			
2,2'-OXYBISETHANOL			5-10%
CAS number: 111-46-6	EC number: 203-872-2		
Classification Acute Tox. 4 - H302			

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DODECYLBENZENE SULPHONIC ACID - ISOPROPYLAMINE SALT			<10%
CAS number: 26264-05-1	EC number: 247-556-2	REACH registration number: 01-2119985163-33-XXXX	
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319			

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Unlikely route of exposure as the product does not contain volatile substances.
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	Remove contaminated clothing. Rinse immediately with plenty of water. 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

Inhalation	This is unlikely to occur but symptoms similar to those of ingestion may develop.
Ingestion	May cause stomach pain or vomiting.
Skin contact	Skin irritation.
Eye contact	This product is strongly irritating.

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

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

5.1. Extinguishing media

Suitable extinguishing media	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	Thermal decomposition or combustion products may include the following substances: Oxides of the following substances: Carbon. Nitrogen. Sulphur.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: 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.

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

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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 contaminated area with plenty of water.

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.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid spilling. Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Avoid freezing. 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-methoxymethylethoxy) propanol

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

2-butoxyethyl acetate

Long-term exposure limit (8-hour TWA): WEL 20 ppm 133 mg/m³
Short-term exposure limit (15-minute): WEL 50 ppm 332 mg/m³
Sk

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

2,2'-OXYBISETHANOL

Long-term exposure limit (8-hour TWA): WEL 23 ppm 101 mg/m³

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

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

DNEL

Workers - Dermal; : 65 mg/kg bw/day
General population - Oral; : 1.67 mg/kg bw/day
General population - Inhalation; : 37.2 mg/m³
General population - Dermal; : 15 mg/kg bw/day
Workers - Inhalation; : 100 mg/m³

PNEC

- STP; 4168 mg/l
- Fresh water; 19 mg/l
- Soil; 2.74 mg/kg
- marine water; 1.9 mg/l
- Sediment (Freshwater); 70.2 mg/kg dw
- Water; 190 mg/l
- Sediment (Marinewater); 7.02 mg/kg dw

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2-butoxyethyl acetate (CAS: 112-07-2)

DNEL	<p>Workers - Dermal; Short term systemic effects: 72 mg/kg/day</p> <p>Workers - Inhalation; Short term systemic effects: 50 ppm</p> <p>Workers - Inhalation; Short term local effects: 50 ppm</p> <p>Workers - Dermal; Short term local effects: Not Quantifiable</p> <p>Workers - Dermal; Long term systemic effects: 102 mg/kg/day</p> <p>Workers - Inhalation; Long term systemic effects: 20 ppm</p> <p>Workers - Dermal; Long term local effects: Not Quantifiable</p> <p>Workers - Inhalation; Long term local effects: Not Quantifiable</p> <p>General population - Dermal; Short term systemic effects: 27 mg/kg/day</p> <p>General population - Inhalation; Short term systemic effects: 499 mg/m³</p> <p>General population - Oral; Short term systemic effects: 18 mg/kg/day</p> <p>General population - Dermal; Short term local effects: Not Applicable</p> <p>General population - Inhalation; Short term local effects: 166 mg/m³</p> <p>General population - Dermal; Long term systemic effects: 36 mg/kg/day</p> <p>General population - Oral; Long term systemic effects: 4.3 mg/kg/day</p> <p>General population - Inhalation; Long term systemic effects: 67 mg/m³</p> <p>General population - Dermal; Long term local effects: Not Applicable</p> <p>General population - Inhalation; Long term local effects: Not applicable</p>
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PNEC	<ul style="list-style-type: none"> - Fresh water; 0.304 mg/l - marine water; 0.0304 mg/l - Sediment (Freshwater); 2.03 mg/kg - Sediment (Marinewater); 0.0203 mg/kg - Soil; 0.68 mg/kg - STP; 90 mg/l
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2-(2-butoxyethoxy) ethanol (CAS: 112-34-5)

DNEL	<p>Consumer - Dermal; Long term systemic effects: 10 mg/kg/day</p> <p>Workers - Dermal; Long term systemic effects: 20 mg/kg/day</p> <p>Consumer - Inhalation; Short term local effects: 50.6 mg/m³</p> <p>Consumer - Inhalation; Long term local effects: 34 mg/m³</p> <p>Workers - Inhalation; Long term local effects: 67.3 mg/m³</p> <p>Consumer - Inhalation; Long term systemic effects: 34 mg/m³</p> <p>Workers - Inhalation; Long term systemic effects: 67.5 mg/m³</p>
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PNEC	<ul style="list-style-type: none"> - Fresh water; 1 mg/l - Sediment (Freshwater); 4 mg/kg - Intermittent release; 3.9 mg/l - Sediment (Marinewater); 0.4 mg/kg - marine water; 0.1 mg/l - STP; 200 mg/l
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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	In case of repeated or prolonged contact wear gloves. Chemical resistant PVC gloves (to European standard EN 374 or equivalent)
Other skin and body protection	No specific clothing required
Hygiene measures	Do not eat, drink or smoke when using this product.

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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	Characteristic.
pH	pH (concentrated solution): 6-8
Flash point	> 61°C Closed cup.
Relative density	1.01 @ 15°C
Solubility(ies)	Soluble in water.

9.2. Other information

Other information Not available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity The following materials may react with the product: Acids. Oxidising agents. Reducing agents.

10.2. Chemical stability

Stability No particular stability concerns.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid Avoid freezing.

10.5. Incompatible materials

Materials to avoid Oxidising agents. Reducing agents. Acids.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

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

ATE oral (mg/kg) 5,138.75

Acute toxicity - dermal

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

ATE dermal (mg/kg) 7,482.99

Acute toxicity - inhalation

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

ATE inhalation (vapours mg/l) 74.83

Skin corrosion/irritation

Skin corrosion/irritation Irritating to skin.

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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.
Genotoxicity - in vivo	Based on available data the classification criteria are not met.
Carcinogenicity	
Carcinogenicity	Based on available data the classification criteria are not met.
Reproductive toxicity	
Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
Specific target organ toxicity - single exposure	
STOT - single exposure	Based on available data the classification criteria are not met.
Specific target organ toxicity - repeated exposure	
STOT - repeated exposure	Based on available data the classification criteria are not met.
Inhalation	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	Prolonged skin contact may cause temporary irritation.
Eye contact	Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.
Acute and chronic health hazards	Repeated exposure may cause chronic eye irritation. Mild dermatitis, allergic skin rash.
Toxicological information on ingredients.	

DODECYLBENZENE SULPHONIC ACID - ISOPROPYLAMINE SALT

Acute toxicity - oral	
Acute toxicity oral (LD ₅₀ mg/kg)	2,001.0
Species	Rat
ATE oral (mg/kg)	2,001.0

SECTION 12: Ecological information

Ecotoxicity	Low acute toxicity to aquatic organisms.
12.1. Toxicity	
Toxicity	Not considered toxic to fish.
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.
12.3. Bioaccumulative potential	
Bioaccumulative potential	No data available on bioaccumulation.
12.4. Mobility in soil	

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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 contents/container in accordance with local regulations.

EURAL Code

SECTION 14: Transport information

14.1. UN number

Not applicable.

14.2. UN proper shipping name

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

EU legislation

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.

SECTION 16: Other information

Revision comments Revision is due to additional PPE advice Revision is to include emergency telephone number

Revision date 22/05/2019

Revision 5

Supersedes date 13/02/2019

Sultraspot Mineral

SDS number

7873/21489

Hazard statements in full

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.