SAFETY DATA SHEET

Sultraspot Mineral

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

1. Identification

Product identifier

Product name Sultraspot Mineral

Product number 7873/21489

Recommended use of the chemical and restrictions on use

Application Detergent.

Details of the supplier of the safety data sheet

Supplier
Cole & Wilson, LLC
100 Laurel Street, Ste 120
East Bridgewater, MA 02375
Tel: +1 281 231 2805
Fax: + 1 617 687 5888
info.usa@christeyns.com

Manufacturer
Cole & Wilson Ltd
Nabbs Lane Chemical Works
Nabbs Lane
Slaithwaite
Huddersfield
HD7 5AT
Tel: 01484 842353
info@coleandwilson.com

Emergency telephone number

National emergency telephone number +1 866 928 0789 Toll Free, +1 215 207 0061 Geographic, +1 202 464 2554 (US and Canada); +52 55 5004 8763 (Mexico); +55 11 3197 5891 (Brazil); +56 2 2582 9336 (Chile);

2. Hazard(s) identification

Classification of the substance or mixture

OSHA Regulatory Status This Product is Hazardous under the OSHA Hazard Communication Standard.

Physical hazards Not Classified

Health hazards Eye Irrit. 2A - H319 STOT RE 2 - H373

Environmental hazards Not Classified

Label elements

Hazard symbols

Signal word Warning

Hazard statements
H319 Causes serious eye irritation.
H373 May cause damage to organs through prolonged or repeated exposure.

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Precautionary statements	P260 Do not breathe vapor/ spray. 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. P314 Get medical advice/ attention if you feel unwell. P337+P313 If eye irritation persists: Get medical advice/ attention. P501 Dispose of contents/ container in accordance with national regulations.
Contains	2,2'-OXYBISETHANOL

3. Composition/information on ingredients

Mixtures

(2-methoxymethylethoxy) propanol CAS number: 34590-94-8	50-80%
Classification Not Classified	
2-butoxyethyl acetate CAS number: 112-07-2	10-15%
Classification Acute Tox. 4 - H312 Acute Tox. 4 - H332	
2,2'-OXYBISETHANOL CAS number: 111-46-6	5-10%
Classification Acute Tox. 4 - H302 STOT RE 2 - H373	
2-(2-butoxyethoxy) ethanol CAS number: 112-34-5	5-10%
Classification Eye Irrit. 2A - H319	
BENZENESULPHONIC ACID, 4-C10-13-sec-alkyl derivs., compds. with 2-propanamine CAS number: 84961-74-0	<10%
Classification Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 Aquatic Chronic 3 - H412	

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

4. First-aid measures

Description of first aid measures

Inhalation	Unlikely route of exposure as the product does not contain volatile substances.

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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	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.

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.

Indication of immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations. If in doubt, get medical attention promptly.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.

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

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.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

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

Environmental precautions

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

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.
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.

7. Handling and storage

Precautions for safe handling

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

Conditions for safe storage, including any incompatibilities

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Storage precautions	Avoid freezing. Keep container tightly closed.
Storage class	Chemical storage.

Specific end uses(s)

Specific end use(s)	The identified uses for this product are detailed in Section 1.

8. Exposure controls/Personal protection

Control parameters

Occupational exposure limits

(2-methoxymethylethoxy) propanol

Long-term exposure limit (8-hour TWA): ACGIH 100 ppm 606 mg/m³
Short-term exposure limit (15-minute): ACGIH 150 ppm 909 mg/m³
Sk
Long-term exposure limit (8-hour TWA): OSHA 100 ppm 600 mg/m³
Sk

2-butoxyethyl acetate

Long-term exposure limit (8-hour TWA): ACGIH 20 ppm
A3

2-(2-butoxyethoxy) ethanol

Long-term exposure limit (8-hour TWA): ACGIH 10 ppm 67.5 mg/m³ inhalable fraction and vapor

ACGIH = American Conference of Governmental Industrial Hygienists.
A3 = Confirmed Animal Carcinogen with Unknown Relevance to Humans.
Sk = Danger of cutaneous absorption.
OSHA = Occupational Safety and Health Administration.

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.
Respiratory protection	Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

9. Physical and chemical properties

Information on basic physical and chemical properties

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

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Other information	Not available.

10. Stability and reactivity

Reactivity	The following materials may react with the product: Acids. Oxidizing agents. Reducing agents.
Stability	No particular stability concerns.
Possibility of hazardous reactions	No potentially hazardous reactions known.
Conditions to avoid	Avoid freezing.
Materials to avoid	Oxidizing agents. Reducing agents. Acids.
Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Oxides of the following substances: Carbon. Nitrogen. Sulfur.

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

Notes (oral LD_{50})	Based on available data the classification criteria are not met.
ATE oral (mg/kg)	5,010.02

Acute toxicity - dermal

Notes (dermal LD_{50})	Based on available data the classification criteria are not met.
ATE dermal (mg/kg)	7,348.03

Acute toxicity - inhalation

Notes (inhalation LC_{50})	Based on available data the classification criteria are not met.
ATE inhalation (gases ppm)	30,060.12
ATE inhalation (vapours mg/l)	73.48
ATE inhalation (dusts/mists mg/l)	10.02

Skin corrosion/irritation

Skin corrosion/irritation	Irritating to skin.

Serious eye damage/irritation

Serious eye damage/irritation	Causes serious eye irritation.

Respiratory sensitization

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

Skin sensitization

Skin sensitization	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.

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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 esophagus 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.

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

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	2,001.0
Species	Rat
ATE oral (mg/kg)	2,001.0

12. Ecological information

Ecotoxicity	Low acute toxicity to aquatic organisms.
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

Persistence and degradability

Bioaccumulative potential

Bio-Accumulative Potential	No data available on bioaccumulation.

Mobility in soil

Mobility	The product is non-volatile.

Other adverse effects

Other adverse effects	None known.

13. Disposal considerations

Waste treatment methods

Disposal methods	Dispose of contents/container in accordance with local regulations.

EURAL Code

14. Transport information

UN Number

UN No. (International)	Not applicable.

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UN proper shipping name

Proper shipping name (International) Not applicable.

Transport hazard class(es)

Transport labels

No transport warning sign required.

Packing group

Packing group (International) Not applicable.

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

Not listed.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

Not listed.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

Not listed.

SARA 313 Emission Reporting

The following ingredients are listed:

2-(2-butoxyethoxy) ethanol

2-butoxyethyl acetate

CAA Accidental Release Prevention

Not listed.

FDA - Essential Chemical

Not listed.

FDA - Precursor Chemical

Not listed.

SARA (311/312) Hazard Categories

None

OSHA Highly Hazardous Chemicals

Not listed.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

Not listed.

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California Air Toxics "Hot Spots" (A-I)
The following ingredients are listed:

2,2'-OXYBISETHANOL

(2-methoxymethylethoxy) propanol

2-(2-butoxyethoxy) ethanol

California Air Toxics "Hot Spots" (A-II)
Not listed.

California Directors List of Hazardous Substances
The following ingredients are listed:

(2-methoxymethylethoxy) propanol

Massachusetts "Right To Know" List
The following ingredients are listed:

(2-methoxymethylethoxy) propanol

Rhode Island "Right To Know" List
The following ingredients are listed:

2,2'-OXYBISETHANOL

(2-methoxymethylethoxy) propanol

Minnesota "Right To Know" List
The following ingredients are listed:

2,2'-OXYBISETHANOL

(2-methoxymethylethoxy) propanol

New Jersey "Right To Know" List
The following ingredients are listed:

(2-methoxymethylethoxy) propanol

2-butoxyethyl acetate

Pennsylvania "Right To Know" List
The following ingredients are listed:

2,2'-OXYBISETHANOL

(2-methoxymethylethoxy) propanol

Inventories

US - TSCA
The following ingredients are listed:

2,2'-OXYBISETHANOL

(2-methoxymethylethoxy) propanol

2-(2-butoxyethoxy) ethanol

2-butoxyethyl acetate

16. Other information

Revision comments	Revision is due to addition of UFI number
Revision date	6/8/2021
Revision	7
Supersedes date	10/27/2020

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SDS No.	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. H373 May cause damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure if swallowed. H412 Harmful to aquatic life with long lasting effects.