



SAFETY DATA SHEET

Sultraspot Soft

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

1. Identification

Product identifier

Product name Sultraspot Soft

Product number 7871/21484

Recommended use of the chemical and restrictions on use

Application Detergent.

Details of the supplier of the safety data sheet

Supplier Cole & Wilson, LLC
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East Bridgewater, MA 02375
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Manufacturer Cole & Wilson Ltd
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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) INRS 01 45 42 59 59
(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

National emergency telephone number +1-800-424-9300 (Chemtrec)

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

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Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 Asp. Tox. 1 - H304

Environmental hazards Not Classified

Label elements

Pictogram



Signal word Danger

Hazard statements H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statements P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301+P310 If swallowed: Immediately call a poison center/ doctor.
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.
P331 Do NOT induce vomiting.

Supplemental label information EUH066 Repeated exposure may cause skin dryness or cracking.

Contains Hydrocarbons, C12-C16, Isoalkanes, <2% aromatics, Hydrocarbons, C11-C13, Isoalkanes, <2% aromatics

3. Composition/information on ingredients

Mixtures

Hydrocarbons, C12-C16, Isoalkanes, <2% aromatics CAS number: 64742-47-8	30-50%
Classification Asp. Tox. 1 - H304	
DODECYLBENZENE SULPHONIC ACID - ISOPROPYLAMINE SALT CAS number: 84961-74-0	30-50%
Classification Skin Irrit. 2 - H315 Eye Irrit. 2A - H319	
Hydrocarbons, C11-C13, Isoalkanes, <2% aromatics CAS number: 90622-58-5	5-15%
Classification Asp. Tox. 1 - H304	

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

4. First-aid measures

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Description of first aid measures

Inhalation	Move affected person to fresh air at once. May cause coughing and difficulties in breathing. Wheezing/breathing difficulties. Get medical attention immediately. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.
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. Get medical attention if irritation persists after washing. Rinse immediately with plenty of water.
Eye contact	Continue to rinse for at least 15 minutes and get medical attention.

Most important symptoms and effects, both acute and delayed

Inhalation	Vapours may cause drowsiness and dizziness.
Ingestion	Aspiration hazard if swallowed. Harmful: may cause lung damage if swallowed.
Skin contact	This product is strongly irritating. Repeated exposure may cause skin dryness or cracking.
Eye contact	May cause serious eye damage.

Indication of immediate medical attention and special treatment needed

Notes for the doctor	Get medical attention immediately. Treat symptomatically.
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5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media	Extinguish with the following media: Powder. Foam. Alcohol-resistant foam. Carbon dioxide (CO ₂). Halon.
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Special hazards arising from the substance or mixture

Specific hazards	Vapors may form explosive mixtures with air. Containers can burst violently or explode when heated, due to excessive pressure build-up. Fire-water run-off in sewers may create fire or explosion hazard.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen. Oxides of 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	Avoid inhalation of vapors and contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet.
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Environmental precautions

Environmental precautions	Avoid release to the environment. Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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Methods and material for containment and cleaning up

Methods for cleaning up Provide adequate ventilation. Inform authorities if large amounts are involved. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer.

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

7. Handling and storage

Precautions for safe handling

Usage precautions Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapors, spray or mist.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product. Take off immediately all contaminated clothing and wash it before reuse. Wash promptly with soap and water if skin becomes contaminated. Use appropriate hand lotion to prevent defatting and cracking of skin.

Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

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

Ingredient comments No exposure limits known for ingredient(s).

Exposure controls

Protective equipment



Appropriate engineering controls

All handling should only take place in well-ventilated areas.

Eye/face protection

The following protection should be worn: Chemical splash goggles or face shield.

Hand protection

Wear protective gloves made of the following material: Neoprene. Nitrile rubber. Polyethylene. Polyvinyl chloride (PVC).

Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapor contact.

Hygiene measures

Do not eat, drink or smoke when using this product.

Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Wear a respirator fitted with the following cartridge: Gas filter, type AX. Gas filter, type B. Gas filter, type E. Gas filter, type K.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance Liquid.

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Color	Yellow.
Odor	Characteristic.
pH	pH (concentrated solution): 6-7
Flash point	> 80°C Closed cup.
Relative density	0.875 @ 15°C
Solubility(ies)	Soluble in water.
Viscosity	5 cP @ °C
Other information	Not determined.

10. Stability and reactivity

Reactivity	The following materials may react with the product: Oxidizing agents. Reducing agents.
Stability	Avoid the following conditions: Heat, sparks, flames. Avoid contact with flammable/combustible materials. Avoid contact with oxidizing agents. Reducing agents.
Possibility of hazardous reactions	The following materials may react with the product: Oxidizing agents. Reducing agents.
Conditions to avoid	Avoid heat, flames and other sources of ignition. Keep away from heat, sparks and open flame. Avoid contact with strong reducing agents. Avoid contact with strong oxidizing agents.
Materials to avoid	Reducing agents. Oxidizing agents.
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 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. Repeated exposure may cause skin dryness or cracking.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

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.

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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.

Reproductive toxicity - development Does not contain any substances known to be toxic to reproduction.

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.

Aspiration hazard

Aspiration hazard May be fatal if swallowed and enters airways.

Inhalation

Vapors have a narcotic effect. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting. Gas or vapor is harmful on prolonged exposure or in high concentrations.

Ingestion

Aspiration hazard if swallowed. Harmful: may cause lung damage if swallowed.

Skin Contact

Irritating to skin. Repeated exposure may cause skin dryness or cracking.

Eye contact

May cause severe eye irritation.

Acute and chronic health hazards

Repeated exposure may cause chronic eye irritation. Repeated exposure may cause chronic upper respiratory irritation. Mild dermatitis, allergic skin rash. Defatting, drying and cracking of skin. Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Toxicological information on ingredients.

DODECYLBENZENE SULPHONIC ACID - ISOPROPYLAMINE SALT

Acute toxicity - oral

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

Species Rat

ATE oral (mg/kg) 2,001.0

12. Ecological Information

Ecotoxicity

The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

Toxicity

Not considered toxic to fish.

Ecological information on ingredients.

Hydrocarbons, C11-C13, Isoalkanes, <2% aromatics

Acute aquatic toxicity

Acute toxicity - fish LL0, 96 hours: 1000 mg/l, Oncorhynchus mykiss (Rainbow trout)

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Acute toxicity - aquatic invertebrates	EL0, 48 hours: 1000 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EL0, 72 hours: 1000 mg/l, Pseudokirchneriella subcapitata NOELR, 72 hours: 1000 mg/l, Pseudokirchneriella subcapitata

Persistence and degradability

Persistence and degradability 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.

Bioaccumulative potential

Bio-Accumulative Potential The product does not contain any substances expected to be bioaccumulating.

Mobility in soil

Mobility The product is partly miscible with water and may spread in the aquatic environment.

Other adverse effects

Other adverse effects None known.

13. Disposal considerations

Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

EURAL Code

14. Transport information

UN Number

Not applicable.

UN proper shipping name

Not applicable.

Transport hazard class(es)

Transport labels

No transport warning sign required.

Packing group

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

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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

Not listed.

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.

California Air Toxics "Hot Spots" (A-I)

Not listed.

California Air Toxics "Hot Spots" (A-II)

Not listed.

California Directors List of Hazardous Substances

Not listed.

Massachusetts "Right To Know" List

Not listed.

Rhode Island "Right To Know" List

Not listed.

Minnesota "Right To Know" List

Not listed.

New Jersey "Right To Know" List

Not listed.

Pennsylvania "Right To Know" List

Not listed.

Inventories

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US - TSCA

The following ingredients are listed:

Hydrocarbons, C12-C16, Isoalkanes, <2% aromatics

16. Other information

Revision comments	Updated to include US Jurisdiction
Revision date	4/4/2018
Revision	2
Supersedes date	4/29/2015
SDS No.	7871/21484
Hazard statements in full	H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation.