

1. Product and Company Identification

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Product Name DODECYL SODIUM SULPHATE (DSS)
Part Number RXSOL-19-1631-025

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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Ingredient	CAS Number
DODECYL SODIUM SULPHATE (DSS)	151-21-3

3. Hazards Identification

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Classification	Liquid
Signal Word	Irritant
Potential Acute Health Effects:	Slightly hazardous in case of skin contact (irritant, sensitizer), of eye contact (irritant), of ingestion
Potential Chronic Health Effects:	Slightly hazardous in case of skin contact (sensitizer).
Carcinogenic Effects:	Not available.
Mutagenic Effects:	Mutagenic for bacteria and/or yeast. [Sodium lauryl sulfate].
Teratogenic Effects:	Not available.
Developmental Toxicity:	Not available. The substance may be toxic to skin. Repeated or prolonged exposure to the substance can produce target

4. First Aid Measures

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Skin Contact	In case of contact, immediately flush skin with plenty of emollient. Remove contaminated clothing and shoes. Clean before reuse. Thoroughly clean shoes before reuse. Get medical attention if symptoms appear.
Eyes Contact :	Check for and remove any contact lenses. In case of contact with water for at least 15 minutes. Cold water may be used. Get medical attention if symptoms appear.
Serious Skin Contact:	Not Available
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion:	Do NOT induce vomiting unless directed to do so by medical personnel. If vomiting occurs, spit into a container. Rinse mouth with water to an unconscious person. Loosen tight clothing such as a collar, tie, or belt. Get medical attention if symptoms appear.
Serious Ingestion	Not Available

5. Fire-fighting Measures

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Flammability of the Product: Non Flammable

Auto Ignition temp. Not applicable

Flash Point Not applicable

Flammable Limits: Not applicable

Products of Combustion: Not Available

Fire Hazards in Presence of Various Substances: Not Applicable

Explosion Hazards in Presence of Various Substances: Slightly explosive in presence of open flames and sparks. Non-explosive in presence of shocks.

Fire Fighting Media and Instructions: Not Applicable

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

6. Accidental Release Measures

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Small Spillage Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spillage Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading contaminated surface and allow to evacuate through the sanitary system.

7. Handling and Storage

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Handling Keep locked up.. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. If ingested advice immediately and show the container or the label.

Storage Keep container tightly closed. Keep container in a cool, well-ventilated area.

Incompatibilities Not Applicable

8. Exposure controls and personal protection

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Engineering Control Provide local ventilation at filling zones and areas where leakage is probable. Mechanical (general) ventilation may be used in other operating and storage areas.

Personal Protective Equipment

Skin Protection Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

Respiratory Protection For conditions of use where exposure to the dust or mist is apparent, a half-face dust/mist respirator may be worn. For instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. WARNING: Respirators do not protect workers in oxygen-deficient atmospheres.

Exposure Limits: Not Available.



Gloves Suit

9. Physical and chemical properties

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Appearance	Liquid
Colour	Clear
Molecular Weight	Not Available
Taste	Not Available
Odor	Not Available
pH (1 % Solution) @25°C	5-8
Boiling Point	100 °C
Melting Point	Not Available
Critical Temperature	Not Available
Specific Gravity	1.01 (Water = 1)
Vapor Pressure	2.3 kPa@ 20°C
Vapor Density (Air = 1.0)	0.62 (Air =1)
Volatility	Not Available
Odor Threshold	Not Available
Water/Oil Dist. Coeff	Not Available
Ionicity (in Water)	Not Available
Solubility in Water	100 % Soluble

10. Stability and reactivity

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Stability...of..Product	The product is stable.
Instability Temperature	Not Available
Conditions of Instability:	Incompatible materials
Incompatibility with various substances:	Slightly reactive to reactive with oxidizing agents.
Corrosivity:	Non-corrosive in presence of glass.
Special Remarks on Reactivity:	Not available.
Special Remarks on Corrosivity:	Not available.
Hazardous Polymerization	Will not occur.

11. Toxicological information

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Routes of Entry:	Absorbed through skin. Eye contact.
Toxicity to Animals:	Acute oral toxicity (LD50): 6440 mg/kg (Rat.) (Calculated value for the mixture).
Chronic Effects on Humans:	MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. [Sodium lauryl sulfate]. Contains material which may cause the following organs: skin.
Other Toxic Effects on Humans:	Slightly hazardous in case of skin contact (irritant, sensitizer), of ingestion, of inhalation. Non-permeator by skin.
Special Remarks on Toxicity to Animals:	Lowest Published Lethal Dose: LDL [Rabbit] - Route: Skin; Dose: 10000 mg/kg (Sodium lauryl sulfate)
Special Remarks on Chronic Effects on Humans:	May cause adverse reproductive effects based on animal test data. No human data found. (Sodium lauryl sulfate)
Special Remarks on other Toxic Effects on Humans:	Acute Potential Health Effects: Causes skin irritation. May cause allergic reaction. It may be absorbed through the skin causing eye irritation. Inhalation: Breathing mist or vapor may cause respiratory tract and mucous membrane irritation. May cause respiratory reaction. Ingestion: May cause gastrointestinal tract irritation with nausea, vomiting, hypermotility, diarrhea. May also affect behavior (ataxia, somnolence), and cardiovascular system. Chronic Potential Health Effects: Skin: Repeated or prolonged skin contact may cause allergic dermatitis. Inhalation: Repeated or prolonged

cause allergic respiratory reaction. Ingestion: Repeated or prolonged ingestion may also affect the liver.

12. Ecological information

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Ecotoxicity:	Not Available
BOD5 and COD:	Not Available
Products of Biodegradation:	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. Products of Biodegradation: The products of degradation are less toxic than the product itself. Special Remarks on Biodegradation: Not available.

13. Disposal considerations

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Disposal Condition	Waste must be disposed of in accordance with federal regulations.
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14. Transport information

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DOT Classification:	Not a DOT controlled material (United States)
Identification:	Not applicable.
Special Provisions for Transport:	Not applicable.
Packing Group	Not applicable

15. Regulatory information

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Federal and State Regulations:	TSCA 8(b) inventory: Water; DODECYL SODIUM SULFATE
Other Regulations:	OSHA: Hazardous by definition of Hazard Communication
Other Classifications:	WHMIS (Canada): Not controlled under WHMIS (Canada)
DSCCL (EEC):	R36/38- Irritating to eyes and skin. S2- Keep out of the reach of children. See other information for medical advice immediately and show this container or label to the health care provider.
HMIS Classification	Health $\frac{2}{2}$ 1, Flammability $\frac{2}{2}$ 0 Reactivity $\frac{2}{2}$ 0 Personal Protection : g
NFPA Classification	Health $\frac{2}{2}$ 1 Flammability $\frac{2}{2}$ 0 Reactivity $\frac{2}{2}$ 0
Protective Equipment	Gloves. Lab coat. Vapor respirator. Be sure to use an appropriate respirator. Safety glasses.

16. Other information

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The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event

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