

1. Product and Company Identification

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Product Name RXSOL-12-1780-230
Product Type Sodium Lauryl Sulphate

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

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2. Composition / Information on ingredients

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Chemical Name	CAS Number	% By Weight
Sodium Lauryl Sulphate	151-21-3	29-32
Water	7732-18-5	68 - 71

3. Hazards Identification

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Potential Acute Health Effects:	Slightly hazardous in case of skin contact (irritant, sensitizer) ingestion.
Potential Chronic Health Effects:	Slightly hazardous in case of skin contact (sensitizer). CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Mutagenic for bacteria. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL EFFECTS: This substance may be toxic to skin. Repeated or prolonged exposure may cause target organs damage.

4. First Aid Measures

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Contact with eyes	Check for and remove any contact lenses. In case of contact, flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.
Skin Contact:	In case of contact, immediately flush skin with plenty of water. Use an emollient. Remove contaminated clothing and shoes. Do not reuse. Thoroughly clean shoes before reuse. Get medical attention.
Serious Skin Contact:	Not Available
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. Give oxygen. Get medical attention.
Serious Inhalation:	Not available.
Ingestion:	Do NOT induce vomiting unless directed to do so by medical personnel.

	mouth to an unconscious person. Loosen tight clothing such as a collar, tie, cuffs, etc., to ease breathing. Turn head to the side. Seek immediate 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 Temperature:	Not applicable.
Flash Points:	Not applicable.
Flammable Limits:	Not applicable.
Products of Combustion:	Not applicable
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
Fire Fighting Media and Instructions:	Not applicable
Special Remarks on Fire Hazards:	Not applicable
Special Remarks on Explosion Hazards:	Not applicable

6. Accidental Release Measures

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Small Spill:	Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional requirements.
Large Spill:	Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and evacuate through the sanitary system

7. Handling and Storage

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Precautions:	Keep locked up.. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear appropriate protective clothing. If ingested, seek medical advice immediately. See container or the label.
Storage:	Keep container tightly closed. Keep container in a cool, well-ventilated area.

8. Exposure controls and personal protection

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Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapors below their respective threshold limit values. Ensure that personal safety devices are provided in the work release location.

Personal Protection:

Safety glasses. Lab coat. Vapor respirator. Be sure to use an approved certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

Not available.

9. Physical and chemical properties

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Physical state and appearance:

Liquid.

Odour:

Not available.

Color:	Not available.
Molecular Weight:	Not applicable.
Color:	Clear Colorless.
pH (1% solution):	pH of solution @ 25°C: 5.8-6.0
Boiling Point:	The lowest known value is 100°C (212°F) (Water).
Melting Point:	Not available.
Critical Temperature:	Not available.
Specific Gravity:	1.01 (Water = 1)
Vapor Pressure:	The highest known value is 2.2 kPa @ 20°C (Water).
Vapor Density:	The highest known value is 0.62 (Air = 1) (Water).
Volatility:	Not available.
Other Identifiers:	Not available.
Watershed Data Chart:	Not available.
Stability in Water:	Not available.
Dissolution Properties:	See solubility in water.
Solubility:	Easily soluble in cold water; hot water.

10. Stability and reactivity

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Stability:	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.
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:

METAGENOC EFFECTS: Mutagenic for bacteria and/or yeast (Sodium lauryl sulfate). Contains material which may cause damage to the following organ: skin.

Other Toxic Effects on Humans:	Slightly hazardous in case of skin contact (irritation, sensitizer), of ingestion, of inhalation. Non-persistent by skin.
Special Remarks on Toxicity to Animals:	Lowest Published Lethal Dose: 1.24 (2400) - Raccoon; 5.0 (500) 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 reactions. It may be absorbed through the skin. Eyes: Causes eye irritation. Inhalation: Breathing dust or vapor may cause respiratory tract and mucous membrane irritation. May cause allergic respiratory reactions. Ingestion: May cause gastrointestinal tract irritation with nausea, vomiting, hyperemesis, diarrhea, and bloating. May also affect behavior (anxiety, somnolence) and cardiovascular system. Chronic Potential Health Effects: Skin: Irritated or pruritic. Inhalation may cause allergic respiratory reactions. Ingestion: Reported or potential ingestion may also affect the liver.

12. Ecological information

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Ecotoxicity:

Not available.

BCDF and COB:

Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation:

The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation:

Not available.

13. Disposal considerations

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Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. Transport information

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DOT classification:

Not a DOT controlled material (Hazard class)

Identification

Not applicable

Special Provisions for Transport:

Not applicable

15. Regulatory information

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Federal and State Regulations:

TSCA 9(b) Inventory Item: Sodium lauryl sulfate

Other Regulations:

OSHA, Hazardous by Definition of Hazard Communication Standard (29 CFR 1910.1200)

Other Classifications:

Not controlled under WHMIS (Canada)

WHMIS (Canada):

RN10: Irritating to eyes and skin. S2: Keep out of the reach of children. S40: If swallowed, seek medical advice immediately and show the container or label.

DNCS (DECS):

HMIS (U.S.A.):

Health Hazard:
1

Fire Hazard:
0

Reactivity:
0

Personal Protection:
6

National Fire Protection Association (U.S.A.):

Health:
1

Flammability:

0

Reactivity:

0

Specific hazard:

Caution: Lubricant. Vapor explosion. Do not use on open flame or cigarette. Safety glasses.

Protective Equipment:

16. Other information

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Text of R and S phrase codes used in this safety data sheet:- R34: Causes burns; R36: Irritating to eyes; R37: Irritating to respiratory system; R41: Risk of serious damage to eyes. The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents. The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties. The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.

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