

1. Product and Company Identification

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Product Name RXSOL-12-1880-220
Product Type Sodium Lauryl Ether Sulphate

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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Chemical Name	CAS Number	% By Weight
Sodium Lauryl Ether Sulphate	9004-82-4	68-72
Water	7732-18-5	28-32

3. Hazards Identification

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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. DEVELOPMENTALTOXICITY: Not available. The substance may be toxic to skin. Repeated or prolonged exposure to the substance can produce 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, immediately 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. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used.Wash clothing before 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. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation:	Not available.
Ingestion:	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. 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 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-explosive in presence of shocks.
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 appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority 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 allow to 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 suitable protective clothing. If ingested, seek medical advice immediately and show the 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 concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the

Personal Protection:

Personal Protection in Case of a Large Spill:

Exposure Limits:

work-station location.

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

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.

Not available.

9. Physical and chemical properties

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Physical state and appearance:

Odour

Taste:

Molecular Weight:

Color:

pH (1% soln/water):

Boiling Point:

Melting Point:

Critical Temperature:

Specific Gravity:

Vapor Pressure:

Vapor Density:

Volatility:

Odor Threshold:

Water/Oil Dist. Coeff:

Ionicity (in Water):

Dispersion Properties:

Solubility:

Paste.

Not available.

Not available.

Not applicable.

Clear Colorless.

pH of solution @ 25 C: 5.0-8.0

The lowest known value is 100°C (212°F) (Water).

Not available.

Not available.

1.01 (Water = 1)

The highest known value is 2.3 kPa (@ 20°C) (Water).

The highest known value is 0.62 (Air = 1) (Water).

Not available.

Not available.

Not available.

Not available.

See solubility in water.

Easily soluble in cold water, hot water.

10. Stability and reactivity

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Stability:

Instability Temperature:

Conditions of Instability:

Incompatibility with various substance:

Corrosivity:

Special Remarks on Reactivity:

Special Remarks on corrosivity:

Polymerization:

The product is Stable.

Not available.

Incompatible materia

Slightly reactive to reactive with oxidizing agents.

Non-corrosive in presence of glass.

Not available.

Not available.

Will not occur.

11. Toxicological information

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Routes of Entry:

Toxicity to Animals:

Chronic Effects on Humans:

Other Toxic Effects on Humans:

Special Remarks on Toxicity to Animals:

Absorbed through skin. Eye contact.

Acute oral toxicity (LD50): 6440 mg/kg (Rat.) (Calculated value for the mixture).

MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. [Sodium lauryl sulfate]. Contains material which may cause damage to the following organs: skin.

Slightly hazardous in case of skin contact (irritant, sensitizer), of ingestion, of inhalation. Non-permeator by skin.

Lowest Published Lethal Dose: LDL [Rabbit] - Route: Skin; Dose: 10000

Special Remarks on Chronic Effects on Humans:

Special Remarks on other Toxic Effects on Humans:

mg/kg (Sodium lauryl sulfate)
May cause adverse reproductive effects based on animal test data. No human data found. (Sodium lauryl sulfate)
Acute Potential Health Effects: Causes skin irritation. May cause allergic reaction. It may be absorbed through the skin. Eyes: Causes eye irritation. Inhalation: Breathing mist or vapor may cause respiratory tract and mucous membrane irritation. May cause allergic respiratory reaction. Ingestion: May cause gastrointestinal tract irritation with nausea, vomiting, hypermotility, diarrhea, and bloating. 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 inhalation may cause allergic respiratory reaction. Ingestion: Repeated or prolonged ingestion may also affect the liver.

12. Ecological information

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Ecotoxicity:
BOD5 and COD:
Products of Biodegradation:

Toxicity of the Products of Biodegradation:
Special Remarks on the Products of Biodegradation:

Not available.
Not available.
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
The products of degradation are less toxic than the product itself.
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:
Identification
Special Provisions for Transport:

Not a DOT controlled material (United states)
Not applicable
Not applicable

15. Regulatory information

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Federal and State Regulations:
Other Regulations:

Other Classifications:
WHMIS (Canada):
DSCL (EEC):

TSCA 8(b) inventory: Water; Sodium lauryl sulfate
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Not controlled under WHMIS (Canada).
R36/38- Irritating to eyes and skin. S2- Keep out of the reach of children.

HMIS (U.S.A.):

S46- If swallowed, seek medical advice immediately and show this container or label.

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

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

Personal Protection: g

Health: 1

Flammability: 0

Reactivity: 0

Protective Equipment:

Specific hazard:

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

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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