

1. Product and Company Identification

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Product Name
Part Number

Sodium Dodecyl Sulfate Powder
RXSOL-14-1780-025

Company Details:

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

Stock Point ::: Mumbai, Kandla, Kolkata, Chennai, Vizag, Gandhidham, Barka Muscat, Fujairah

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Website www.rxmarine.com

2. Composition / Information on ingredients

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Name of Substance	Cas Number
Sodium Sodecyl Sulfate	151-21-3

3. Hazards Identification

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Signal Word	Danger
Hazard Statements	H272 May intensify fire; oxidizer. H302 Harmful if swallowed. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation.
Precautionary statements prevention	- P280 Wear protective gloves.
Precautionary statements - response	P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present Continue rinsing. P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/ physician

4. First Aid Measures

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Eye 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.
Skin Contact	In case of contact, immediately flushes skin with plenty of water removing contaminated clothing and shoes. Cover the irritated skin with an antibiotic ointment. Wash clothing before reuse. Thoroughly clean shoes before reuse.
Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. If symptoms occur, get medical attention.

Ingestion:

Do not induce vomiting. Obtain medical attention. If vomited, vomit on left side (head-down position, if possible) to maintain airway.

Notes to Physician

Treat symptomatically

5. Fire-fighting Measures

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Flammability

May be combustible at high temperature.

Flash Point

CLOSED CUP: Higher than 93.3°C (200°F).

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Hazardous combustion products

Fire may cause the evolution of Sulphur oxides, nitrogen oxides.

Protective Equipment

Use personal protective equipment.

Specific Hazards Arising from the Chemical

Has a fire-promoting effect due to the release of oxygen.

Ambient fire may liberate hazardous vapours.

6. Accidental Release Measures

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Spillage

Oxidizing material. Stop leak if without risk. Avoid contact with skin, clothing, paper, oil, clothing...). Keep substance damp using water. Prevent entry into sewers, basements or confined areas. Call for assistance on disposal.

Personal Protection

Advice for non-emergency personnel: Avoid inhalation. In case of emergency procedures, consult an expert. Advice for emergency responders: see section 8.

Environmental Precaution

Do not let product enter drains.

Methods and materials for containment and cleaning

Cover drains. Collect, bind, and pump off spills. Observe local regulations (see sections 7 and 10). Take up dry. Dispose of properly. Clean up thoroughly.

7. Handling and Storage

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Handling

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate. Do not ingest. Do not breathe vapors. In case of insufficient ventilation, wear suitable respiratory protection. In case of fire, advise immediately and show the container or the label. Keep away from incompatibles such as reducing agents, combustibles.

Storage

Strong Oxidizer. Moisture Sensitive. Keep container in a well-ventilated area. Separate from acids, alkalis, reducing agents. Code for the Storage of Liquid and Solid Oxidizers. Do not store above 23°C (73.4°F).

Advice on general occupational hygiene

Advice on safe handling: Observe label precautions. Do not work with substance.

8. Exposure controls and personal protection

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Engineering Control

Use process enclosures, local exhaust ventilation, or other engineering controls to keep exposure to airborne contaminants below recommended exposure limits. If user operates in an enclosed space, use local exhaust ventilation to keep exposure to airborne contaminants below recommended exposure limits.

Personal Protection

Eye/face Protection: Wear appropriate protective eyewear as described by OSHA's eye and face protection regulation 29 CFR 1910.133, or European Standard EN166.

Skin and body protection: Wear appropriate protective clothing as described by OSHA's skin and body protection regulation 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Other Protection Measure

Handle in accordance with good industrial hygiene and safety practices.

Exposure Limit

Not Available



Gloves Suit

9. Physical and chemical properties

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Form	Solid
Colour	White
Odour	Odourless
Odor Threshold	Not Applicable
pH	3.2 - 3.5 at 100 g/l 20 °C
Melting Point	120 °C (decomposition)
Boiling Point	Not Applicable
Flash Point	Not Applicable
Evaporation Rate	Not Applicable
Flammability (solid, gas)	No Data Available
Explosive limits	No Data Available
Vapour pressure	No Data Available
Vapour Density	No Data Available
Specific Gravity	1.98 g/cm ³ at 20 °C
Partition coefficient	No data available
Explosive properties	None
Solubility	Soluble in water 620 g/l at 20 °C
Ignition temperature	No information available.

10. Stability and reactivity

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Reactivity	Strong Alkali , Bases.
Stability	The product is chemically stable under standard ambient conditions (room temperature).
Possibility of hazardous reactions	Risk of explosion with:, Risk of ignition or formation of inflammable gases or vapours with:,Exothermic reaction with bases, combustible substances, Iron, Zinc, hydrogen peroxide, peroxy compounds, Copper, silver compounds, Powdered
Conditions to avoid	Strong Heating
Incompatible materials	No Data Available
Hazardous Polymerization	Hazardous polymerization does not occur.

11. Toxicological information

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Rout Of Entry	Inhalation. Ingestion.
Toxicity to Animal	WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE Acute oral toxicity (LD50): 689 mg/kg
Toxic Effects on Human	May cause damage to the following organs: upper respiratory tract. Other Toxic Effects on Humans: Hazardous in case (irritant, sensitizer), of ingestion, of inhalation (lung irritant, lung sensitizer).
Special Remarks on other Toxic Effects on Humans:	Acute Potential Health Effects: Skin: Causes skin irritation. May cause skin sensitization, an allergic reaction, which be upon re-exposure to this material. Eyes: Causes eye irritation. Ingestion: Causes gastrointestinal (digestive) tract irritation, vomiting, and diarrhea. May be harmful if swallowed. Inhalation: Causes respiratory tract irritation. May cause chemical and pulmonary edema, inflammation, edema of bronchi and larynx. Chronic Potential Health Effects: Repeated or exposure may cause allergic reactions in sensitive individuals. Repeated or prolonged exposure by inhalation may affect metabolism.

12. Ecological information

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Eco Toxicity	Not Available
COD and BOD 5	Not Available
Products Biodegradation:	The methods for determining the biological degradability are not applicable to inorganic substances.
Mobility in soil	No Information available
Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
Other adverse effects	Henry constant : Transition from water solution into the atmosphere is not to be expected.

13. Disposal considerations

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Waste treatment Method	Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original mixing with other waste. Handle uncleaned containers like the product itself
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14. Transport information

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DOT

UN Number	UN1444
Proper shipping name	AMMONIUM PERSULPHATE
Hazard Class	5.1
Packing group	III

TDG

UN Number	UN1444
Proper shipping name	AMMONIUM PERSULPHATE
Hazard Class	5.1
Packing group	III

IATA

UN Number	UN1444
Proper shipping name	AMMONIUM PERSULPHATE
Hazard Class	5.1
Packing group	III

IMDG/IMO

UN Number	UN1444
Proper shipping name	AMMONIUM PERSULPHATE
Hazard Class	5.1
Packing group	III

15. Regulatory information

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Federal and State Regulation

Connecticut hazardous material survey.: Ammonium persulfate
TSCA 8(b) inventory: Ammonium persulfate

Other Regulation

OSHA: Hazardous by definition of Hazard Communication
EINECS: This product is on the European Inventory of Existing Commercial Substances
CLASS C: Oxidizing material.

WHMIS (Canada)

DSCL (EEC)

R8- Contact with combustible material may cause fire or explosion if ignited.
swallowed. R36/37/38- Irritating to eyes, respiratory system and skin on prolonged exposure by inhalation, skin contact and ingestion.
S22- Do not breathe dust/fume/gas/mist/vapors/spray.
S26- In case of contact with eyes, rinse immediately with plenty of water.
S37- Wear suitable gloves.

HMIS

Health Hazard : 2

Fire Hazard	: 1
Reactivity	: 3
Personal Protection	: E

Fire :	
Health Hazard	: 2
Fire Hazard	: 1
Reactivity	: 3
Specific Hazard	:

16. Other information

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Other Information

The information above is believed to be accurate and is available to us. However, we make no warranty of accuracy, implied, with respect to such information, and we do not intend should make their own investigations to determine the suitability for particular purposes. In no event shall we be liable for any damages, for lost profits or any special, indirect, incidental, or consequential arising, even if **RX Marine International** has been advised.

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