Material Safety Data Sheet

Sodium Dodecylbenzene Sulfonate (RXSOL-19-1631-025)

1. Product and Company Identifaction

Product Name	RXSOL-19-1631-025
Product Type	Sodium Dodecylbenzene Sulfonate

Company Details:

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

Phone	+91 22 27815540 / 41 / 42
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2. Composition / informationon ingredients

Ingredient	CAS Number	Weight Percentage
Dodecyl Benzene Sulfonic Acid, Sodium Salt	25155-30-0	88-90 %
Not Classified	.....	10 - 12 %



3. Hazards Identification

Irritant

EMERGENCY OVERVIEW

Warning! Harmful if swallowed. Causes severe eye irritation and possible eye injury. Causes skin and respiratory tract irritation. Target Organs: Liver, respiratory system, eyes, skin.

Potential Health Effect:

Eye:	Causes severe eye irritation. Risk of serious damage to eyes.
skin:	Causes skin irritation. May be harmful if absorbed through the skin.
Ingestion:	Harmful if swallowed. May cause irritation of the digestive tract.
Inhalation:	Causes respiratory tract irritation. May be harmful if inhaled.
Chronic:	Chronic exposure may cause liver damage.

4. First Aid Measures

Eyes:	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
Skin:	Get medical aid. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Ingestion	Do not induce vomiting. Get medical aid immediately. Call a poison control center.
Inhalation	Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
Notes to Physician:	Treat symptomatically and supportively.

5. Fire-fighting Measures

General Information:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH(approved or equivalent), and full protective gear.
Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or chemical foam. Autoignition
Temperature:	Not available
Flash Point:	Not applicable.
Explosion Limits Lower:	Not available
Explosion Limits Upper:	Not available
NFPA Rating:	health: 2; flammability: 1; instability: 0;

6. Accidental Release Measures

General Information:	Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks:	Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Provide ventilation. Do not let this chemical enter the environment.

7. Handling and Storage

Handling	Minimize dust generation and accumulation. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale. Use with adequate ventilation.
Storage	Store in a cool, dry place. Store in a tightly closed container.

8. Exposure controls and personal protection

Chemical Name	ACGIH	NIOSH	OSHA - Fina
Dodecylbenzenesulfonic acid, sodium salt	none listed	none listed	none listed

Engineering Controls:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.
Exposure Limits	
Personal Protective Equipment	
Eyes:	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Skin:	Wear appropriate protective gloves to prevent skin exposure.
Clothing:	Wear appropriate protective clothing to prevent skin exposure.
Respirators:	A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

9. Physical and chemical properties

Physical State:	Crystalline semi powder
Color:	white to yellow
Odor:	Not available
pH:	6.5 - 9.5 (1% aq. sol.)
Vapour pressure	Not available
Vapor Density:	Not available
Evaporation Rate:	Not available
Viscosity:	Not available
Boiling Point:	Not available
Freezing/Melting Point:	Not available
Decomposition Temperature:	Not available

Solubility in water:	250 g/L (20

10. Stability and reactivity

Chemical Stability	Stable under normal temperatures and pressures.
Conditions to Avoid:	Incompatible materials, dust generation, excess heat.
Incompatibilities with Other	Materials Strong oxidizing agents, acids.
Hazardous Decomposition Products	Carbon monoxide, oxides of sulfur, carbon dioxide, hydrogen sulfide.

11. Toxicological information

RTECS#:	CAS# 25155-30-0: DB6825000
	RTECS:
	CAS# 25155-30-0: Draize test, rabbit, eye: 250 ug/24H Severe; Draize test, rabbit, eye: 1% Severe;
LD50/LC50:	RTECS: CAS# 25155-30-0: Draize test, rabbit, eye: 250 ug/24H Severe; Draize test, rabbit, eye: 1% Severe; Draize test, rabbit, skin: 20 mg/24H Moderate; Oral, mouse: LD50 = 1330 mg/kg; Oral, rat: LD50 = 438 mg/kg;
Carcinogenicity:	Dodecylbenzenesulfonic acid, sodium salt, tech. - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.
Other:	See actual entry in RTECS for complete information.

12. Ecological information

Other:	Do not empty into drains.

13. Disposal considerations

Dispose of in a manner consistent with federal, state, and local regulations.

14. Transport information

US DOT

Shipping Name:	Not regulated as a hazardous material
Hazard Class:	
UN Number:	
Packing Group:	

Canada TDG

Shipping Name:	Not available
Hazard Class:	
UN Number:	
Packing Group:	

15. Regulatory information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: XN

Risk Phrases:

R 22 Harmful if swallowed.

R 37/38 Irritating to respiratory system and skin.

R 41 Risk of serious damage to eyes.

Safety Phrases:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37/39 Wear suitable gloves and eye/face protection.

WGK (Water Danger/Protection)

CAS# 25155-30-0: 2

Canada

CAS# 25155-30-0 is listed on Canada's DSL List

Canadian WHMIS Classifications: D1B, D2B

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations

and the MSDS contains all of the information required by those regulations.

CAS# 25155-30-0 is listed on Canada's Ingredient Disclosure List

US Federal

TSCA

CAS# 25155-30-0 is listed on the TSCA

Inventory.

16. Other information

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 .