Material Safety Data Sheet

Ecoclean RX (RXSOL-16-3015-025)

1. Product and Company Identifaction

Product Name	Ecoclean RX
Product Type	RXSOL-16-3015-025

Company Details:
RX MARINE INTERNATIONAL
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VASHI ,NEW BOMBAY 400703 INDIA

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2. Composition / informationon ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

Composition comments Product ingredients:
Non-ionic surfactant, corn, soy, tall oil fatty acids, organic alcohol.

3. Hazards Identification

Physical state	Liquid.
Appearance	Amber liquid.
Emergency overview	Health injuries are not known or expected under normal use.
OSHA regulatory status	This product is not hazardous according to OSHA 29CFR 1910.1200.

Potential health effects:

Routes of exposure	Eye contact. Inhalation.
Eyes	May cause eye irritation on direct contact.
Skin	Prolonged skin contact may cause irritation.
Inhalation	Inhalation of high concentrations may result in transient irritation and coughing.
Ingestion	Ingestion may cause irritation and malaise.
Target organs	Eyes. Skin. Respiratory system.
Chronic effects	Prolonged contact may cause dryness of the skin.
Signs and symptoms	Irritant effects. Irritation of eyes and mucous membranes.
Potential environmental effects	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

4. First Aid Measures

Eye contact	Flush thoroughly with water. If irritation occurs, get medical assistance.
Skin contact	Wash with soap and water. Get medical attention if irritation develops and persists.
Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.

Ingestion	Not expected to be harmful in amounts likely to be ingested by accident.
Notes to physician	Treat symptomatically.
General advice	Get medical attention if any discomfort develops.

5. Fire-fighting Measures

Flammable properties:
The product is non-combustible.

Extinguishing media:

Suitable extinguishing media:
Dry chemical, foam, carbon dioxide.

Unsuitable extinguishing media:
Do not use water jet as an extinguisher, as this will spread the fire.

Protection of firefighters:

Specific hazards arising from the chemical:
Thermal decomposition may produce smoke, oxides of carbon and lower molecular weight organic compounds whose composition have not been characterized.

Protective equipment and precautions for firefighters:
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions:
Move containers from fire area if you can do it without risk. Use water spray to cool unopened containers. Cool containers with flooding quantities of water until well after fire is out.

6. Accidental Release Measures

Personal precautions	Ensure adequate ventilation. For personal protection, see section 8 of the MSDS. In case of spills,beware of slippery floors and surfaces.
Environmental precautions	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Small Spills: Absorb spillage with non-combustible, absorbent material. Wash area with soap and water.
Other information	Clean up in accordance with all applicable regulations.

7. Handling and Storage

Handling	Avoid contact with eyes and prolonged skin contact. Observe good industrial hygiene practices.
Storage	Store in a cool and well-ventilated place. Store away from incompatible materials.

8. Exposure controls and personal protection

Occupational exposure limits :
No exposure limits noted for ingredient(s).

Engineering controls :
Provide adequate ventilation and minimize the risk of inhalation of vapors and mists.

Personal protective equipment:

Eye / face protection	If risk of splashing, wear safety goggles or face shield.
Skin protection	Wear protective gloves. Rubber, neoprene or PVC gloves are recommended. Suitable gloves can be recommended by the glove supplier. Wear suitable protective clothing.
Respiratory protection	No personal respiratory protective equipment normally required. Seek advice from local supervisor.
General hygiene considerations	Wash hands after handling. Handle in accordance with good industrial hygiene and safety practice. Follow up on any medical surveillance requirements.

9. Physical and chemical properties

Information on basic physical and chemical properties:

Appearance	Amber liquid.
Physical state	Liquid.
Form	Liquid.
Color	Amber.
Odor	Faint.
Odor threshold	Not available.
pH	10.8
Vapor pressure	Not available.
Vapor density	Not available.
Boiling point	Not available.
Melting point/Freezing point	29 °F (-1.7 °C)
Solubility (water)	Complete.
Specific gravity	1.001
Flash point	> 200 °F (> 93.3 °C)
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Auto-ignition temperature	Not available.
VOC	174 g/l
Bulk density	Not applicable.

Other data:

Explosive properties	Not explosive.
Flash point class	Combustible IIIB
Oxidizing properties	Not oxidizing.

10. Stability and reactivity

Chemical stability	Stable at normal conditions.
Conditions to avoid	High temperatures. Exposure to light. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Carbon oxides. Nitrogen oxides.
Possibility of hazardous reactions	Hazardous reactions do not occur.

11. Toxicological information

Sensitization	No test data available for the product.
Acute effects	May form vapors or oil mists during mechanical action or at elevated temperatures which may be irritating to respiratory tract.
Local effects	Contact with eyes may cause irritation.
Chronic effects	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
Carcinogenicity	Not classified by IARC, ACGIH, NTP or OSHA.
Epidemiology	No epidemiological data is available for this product.
Mutagenicity	There is no data to indicate that any component present at greater than 0.1% may present a risk.
Reproductive effects	Contains no ingredient listed as toxic to reproduction

Further information	No other specific acute or chronic health impact noted.

12. Ecological information

Ecotoxicity	Oil spills are generally hazardous to the environment.
Environmental effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Aquatic toxicity	Not expected to be harmful to aquatic organisms.
Persistence and degradability	The product is readily biodegradable.
Bioaccumulation / Accumulation	Not available.
Mobility in environmental media	This product is miscible in water.

13. Disposal considerations

Waste codes	Not regulated.
Disposal instructions	Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Dispose of in accordance with local regulations. Follow all applicable MARPOL requirements for disposal of waste, when transporting materials by vessel.

14. Transport information

DOT	Not regulated as a hazardous material by DOT.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
TDG	Not regulated as dangerous goods.

15. Regulatory information

US federal regulations	This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.All components are on the U.S. EPA TSCA Inventory List.
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)	Not regulated.
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List	Not regulated.
CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)	None

Superfund Amendments and Reauthorization Act of 1986 (SARA):

Section 302 extremely hazardous substance (40CFR 355, Appendix A)	No
Section 311/312 (40 CFR370)	No
Drug Enforcement	Not controlled

Administration (DEA) (21 CFR1308.11-15):

Canadian regulations	This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.
WHMIS status	Non-controlled

Inventory status:

Country (s) or region	Inventory name	On inventory (yes/no)*

Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
State regulations	This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.	

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance	Not listed.
US. Massachusetts RTK -Substance List	Not regulated.
US. New Jersey Worker and Community Right-to-Know Act	Not regulated.
US. Pennsylvania RTK - Hazardous Substances	Not regulated.
Mexico regulations	This safety data sheet was prepared in accordance with the Official Mexican Standard(NOM-018-STPS-2000).

16. Other information

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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