Material Safety Data Sheet

ROTO CLEAN (RXSOL-41-8398-025)

1. Product and Company Identifaction

Product Name	ROTO CLEAN
Product Type	RXSOL-41-8398-025

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

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Vizag, Surat, Fujairah, Muscat

Phone	+91 22 65113333/ 5555 / 9999 / 27611360 / 27815540
Fax	+91 22 2781 1318 :::AOH :0091 9322594669
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Hazardous Ingredient	CAS	OSHA PEL	OSHA HAZARD
Surfactants	Mixture	N/E	Irritant

3. Hazards Identification

Emergency Overview

Appearance: Clear Yellow Liquid Odor: Citrus Scent Flashpoint: >212ºF

Eye Contact: May cause eye irritation.

Skin Contact: Frequent or prolonged contact may cause irritation. Skin contact may aggravate an existing dermatitis condition.

Inhalation: May cause irritation.

Ingestion: Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause temporary injury.

HMIS Hazard Rating: Health 1 Flammability 0 Reactivity 0

4. First Aid Measures

Eye Contact: Immediately irrigate with flowing water continuously for 15 minutes. If irritation persists consult medical personnel.

Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.

Inhalation: Move to fresh air. If irritation persists consult medical personnel.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

5. Fire-fighting Measures

Flashpoint: >212ºF

Upper Flammable Limit (% by volume):

Autoignition Temperature: N/D

Lower Flammable Limit (% by volume):

General Hazard: Irritant

Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

Hazardous Decomposition Products: During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to carbon dioxide and carbon monoxide.

6. Accidental Release Measures

Keep all unnecessary personnel away. Eliminate sources of ignition. Prevent additional discharge of material. Prevent liquid from entering sewers, watercourses, or low areas. Contain and absorb spilled liquid with sand or earth. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

7. Handling and Storage

Store out of reach of children; keep container closed; store in a cool well-ventilated place away from strong oxidizing or alkaline products. Avoid contact with skin and eyes. Use in a well-ventilated area; do not breathe vapors. Wash hands thoroughly after handling.

8. Exposure controls and personal protection

Engineering Controls: Normal room ventilation is satisfactory for limited use; keep away from heat and flame.

Eye Protection: Safety glasses

Skin Protection: Use gloves impervious to this material when prolonged or frequently repeated contact could occur.

Respiratory: No respiratory protection should be needed.

Exposure guidelines: N/E

9. Physical and chemical properties

Appearance/Physical State	Clear Yellow
Liquid Odor	Citrus Scent
Vapor Pressure	N/D
Vapor Density	N/D
Boiling Point	N/D
Freezing Point	N/D
Density	8.68 lb. /gal
Concentrate pH	9.2
Solubility in Water	Soluble
Diluted pH	9.0 - 9.5

10. Stability and reactivity

Chemical stability: Stable

Incompatibility with other substances: Strong oxidizing or alkaline agents

Reactivity: N/D

Hazardous Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.

11. Toxicological information

Route of Entry: Eye contact, and Skin absorption/contact

Effects of Acute Overexposure to Product:

Eye Contact: May cause eye irritation, redness, tearing and blurred vision

Skin Contact: May cause skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist or vapor may cause temporary respiratory irritation; temporary central

nervous system effects including dizziness, weakness, fatigue, nausea, and headache.

Ingestion: May cause gastrointestinal temporary irritation with nausea, vomiting and diarrhea

aspiration into the lungs can cause chemical pneumonitis.

Effects of Chronic Overexposure to Product:

Exposure limits: N/D for mixture

Teratogenicity: None

Reproductive toxicity: None

Sensitization to Product: None known

Mutagenicity: None

Carcinogenicity: None

12. Ecological information

Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

13. Disposal considerations

Dispose of in accordance with federal, state and local regulations. Prevent run-off to sewers.

14. Transport information

Shipping paper description: None

Labeling: None

Markings: None

Placard: None

Packaging: Strong outer packaging. UN specification packaging not required.

15. Regulatory information

TSCA: All chemicals used in this product are listed

CERCLA: No

SARA Title III: Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the immediate health hazard category. The chemicals used in this product may be subject to the provisions of the Community Right-to Know Act (40 CFR 370 - 374). If reporting requirements are met, please contact the Environmental, Health and Safety (EHS) Manager for information regarding this product.

16. Other information

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees. All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

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