Material Safety Data Sheet

RO 222 Descaler (RXSOL-33-3301-025)

1. Product and Company Identifaction

Product Name	RO 222 Descaler
Product Type	RXSOL-33-3301-025

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

Phone	+91 22 27815540 / 41 / 42
Fax	+91 22 2781 1318
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Ingredients	CAS #	Wt%
Hydrochloric acid	7647-01-0	5-10
Sulfamic Acid Liquid phase	5329-14-6	8-10
Non classified ingredients The balances of chemical ingredients are not identified as hazardous under OSHA's Hazard Communication Rule 29 CFR 1910.1200.	------	80-90

3. Hazards Identification

NA

4. First Aid Measures

Eye:	Check for and remove any contact lenses. IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. COLD water may be used. DO NOT use an eye ointment. Seek medical attention.
Skin:	If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical touches the victim's exposed skin, such as the hands: Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. COLD water may be used. If irritation persists, seek medical attention.Wash contaminated clothing before reusing.
Inhalation:	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
Ingestion:	DO NOT induce vomiting. Have conscious person drink several glasses of water or milk. Seek immediate medical attention.

5. Fire-fighting Measures

Flammability:	Non-flammable.
Flash Points:	Not applicable
Flammable Limits:	Not applicable
HazardousCombustion Products:	Not applicable
Means of Extinction:	Use extinguishing media suitable for surrounding materials.

Special Fire Hazards: Not available.

6. Accidental Release Measures

NA

7. Handling and Storage

NA

8. Exposure controls and personal protection

NA

9. Physical and chemical properties

Boiling point:	100°C (212°F)
Vapour Pressure:	Not available.
Solubility in Water:	Soluble
Physical State:	Liquid.
Appearance and Odour:	Clear Blue. Mild Acidic
Specific Gravity:	1.035 (Water = 1)
Vapor Density:	Not available.
Percent Volatile:	95% (w/w).
Evaporation Rate:	1 compared to water
pH (as supplied):	1
Viscosity:	Water like

10. Stability and reactivity

NA

11. Toxicological information

Routes of Entry	Ingestion. Skin contact. Inhalation.
Acute Effects on Humans:	Very hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of inhalation.Corrosive to skin and eyes on contact. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking,or shortness of breath. Inflammation of the eye is characterized by redness, watering, and itching.Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.
Chronic Effects on Humans:	CARCINOGENIC EFFECTS: Not avai la bl e. MUTAGENIC EFFECTS: Not avai la bl e. TERATOGENIC EFFECTS: Not available. Toxicity of the product to the reproductive system: Not available. There is no known effect from chronic exposure to this product. Repeated or prolonged exposure is not known to aggravate medical condition.
Synergistic Materials:	Not available.

12. Ecological information

NA

13. Disposal considerations

NA

14. Transport information

NA

15. Regulatory information

NA

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 used in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from the manufacturer.

DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.