Material Safety Data Sheet

Acidic Cleaner (RXSOL-13-1036-025)

1. Product and Company Identifaction

Porduct Name	Acidic Cleaner
Part Number	RXSOL-13-1036-025

Company Details:

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

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

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Email	mail@rxmarine.com
Website	www.rxmraine.com

2. Composition / informationon ingredients

Chemical Name	Cas. No.	EC. No.	Weight %	Formula
Citric acid	77-92-9	201-069-1	10 - 25	(HOOCCH?)?C(OH)COOH
Glycolic acid	79-14-1	201-180-5	2.5 - 10	HOCH2COOH

3. Hazards Identification

Classification of the substance or mixture:	In compliance with EC regulation No. 1272, 29CFR1910/1200 and GHS requirements.
Hazard-determining components of labeling:	Glycolic acid, Citric acid
Signal Word :	Danger.
Hazard Statements:	H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage.
Precautionary statements:	P264 Wash skin thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 If on skin: Wash with soap and water. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P332+P313 If skin irritation occurs: Get medical advice/attention. P501 Dispose of contents and container as instructed in Section 13

Precautionary Response Statement:	Absorb spillage to prevent material damage. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Immediately remove all contaminated clothing. Rinse skin with water or shower if on clothing. Launder contaminated clothing before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor. Specific Treatment: Do not induce vomiting unless directed by medical personnel. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.
Environmental Hazards:	Formation concerning particular hazards for humans and environment: The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Health Hazards:	Skin Corrosion/Irritation – Category 1 Eye Damage/Irritation – Category 1 Specific Target Organ Toxicity (Single Exposure) – Category 3
Hazards Not Otherwise Classified (HNOC):	May cause surfaces to become slippery. Use caution in areas of foot traffic if on floors.

4. First Aid Measures

General advice:	None.
Eye Contact:	Rinse/flush exposed eye(s) gently using water for 15-20 minutes. Remove contact lens(es) if able to do so during rinsing. Seek medical attention if irritation persists or if concerned.
Skin Contact:	Rinse affected area with soap and water. If symptoms develop or persist, seek medical attention.
Inhalation:	Maintain an unobstructed airway. Loosen clothing as necessary and position individual in a comfortable position.
Ingestion:	Rinse mouth thoroughly. Seek medical attention if irritation, discomfort, or vomiting persists.
Immediate Medical Attention and Special Treatment:	None.
Most Important Symptoms and Effects Both Acute and Delayed :	None.

5. Fire-fighting Measures

Suitable extinguishing media:	Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition.
For safety reasons unsuitable extinguishing agents:	None.
Additional information:	Avoid inhaling gases, fumes, dust, mist, vapor and aerosols. Avoid contact with skin, eyes and clothing.
Specific Hazards Arising From the Product:	Thermal decomposition can lead to release of irritating gases and vapors.
Special Protective Equipment and Precautions For Fire Fighters:	Wear protective eye wear, gloves and clothing. Refer to Section 8.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:	Ensure adequate ventilation. Ensure air handling systems are operational.

Environmental precautions:	Should not be released into the environment. Prevent from reaching drains, sewer or waterway
Methods and material for containment and cleaning up:	Wear protective eye wear, gloves and clothing.

7. Handling and Storage

Precautions For Safe Handling:	Avoid breathing mist or vapor. Do not eat, drink, smoke or use personal products when handling chemical substances.
Conditions For Safe Storage:	Store in a cool, well-ventilated area.

8. Exposure controls and personal protection

Control parameters	102-71-6, Triethanolamine ACGIH TWA 5 mg/m3
Appropriate engineering controls:	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.
Hand protection:	Select glove material impermeable and resistant to the substance.
Eye/face protection:	Safety goggles or glasses, or appropriate eye protection
Respiratory protection:	Not needed under normal conditions.
General hygienic measures:	Wash hands before breaks and at the end of work. Avoid contact with skin, eyes and clothing.

9. Physical and chemical properties

Physical state:	Clear.
Color:	olive colored.
Appearance	Liquid.
Odour:	No odour.
Odor Threshold:	Not Applicable.
pH:	2.5.
Solubilty:	Not determined or not available.
Flash point:	Not determined or not available.
Boiling Point and Boiling Range:	Not determined or not available.
Melting Point and Freezing Point:	Not determined or not available.
Relative Density:	Not determined or not available.
Viscosity:	Not determined or not available.
Vapor density:	Not determined or not available.
Evaporation rate:	Not determined or not available.
Partition coefficient (noctanol/water):	Not determined or not available.
Flammability (solid, gaseous):	Not determined or not available.
Auto/Self-ignition temperature:	Not determined or not available.

10. Stability and reactivity

Reactivity:	Not determined or not available.
Chemical stability:	Not determined or not available.
Possibility of hazardous reactions:	Not determined or not available.
Conditions to avoid:	Not determined or not available.
Incompatible materials:	Not determined or not available.
Hazardous decomposition products:	Not determined or not available.

11. Toxicological information

Acute toxicity:	LD50 > 5000 mg/kg oral rat. – product.
Skin corrosion/irritation:	Glycolic acid: Corrosive
Serious eye damage/irritation:	Glycolic acid: Severe eye irritation.
Respiratory or skin sensitization;	No additional information.
Carcinogenicity:	No additional information.
Germ cell mutagenicity:	No additional information.
Reproductive toxicity:	No additional information..
Specific target organ toxicity - single exposure:	No additional information.

12. Ecological information

Toxicity:	Citric acid: Aquatic invertebrates, Daphnia magna (Water flea) - 1,535 mg/l - 24 h. Citric acid: Fish, Leuciscus idus melanotus - 440 mg/l - 48h. Glycolic acid: Fish, LC50 - Danio rerio (zebra fish) - 5,000 mg/l - 96 h
Persistence and degradability:	No additional information.
Mobility in soil:	No additional information.
Bioaccumulative potential:	No additional information.
Other adverse effects:	No additional information.

13. Disposal considerations

Disposal Information:	It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities. (US 40CFR262.11).

14. Transport information

UN number:	None.
UN proper shipping name:	None.
Transport hazard class(es):	None.
Packaging group:	None.
Environmental hazards:	None.
Special precautions for user:	None.
Bulk Transport:	None.

15. Regulatory information

Canada – DSL Inventory:	All components of this product are either on the Domestic Substances List (DSL), Non-Domestic Substances List (NDSL), or exempt.
TSCA:	All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.
Additional Information:	None.

16. Other information

Other Information:	The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and weassume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.