Material Safety Data Sheet

Water Stain and Deposit Remover (RXSOL-15-1069-005)

1. Product and Company Identifaction

Product Name	RXSOL-17-1069
Product Type	Water Stain and Deposit Remover

Company Details:

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

Phone	+91 22 65113333 / 5555 / 9999 / 27611360
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Chemical Name	CAS Number	SARA-III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source
HYDROGEN CHLORIDE	7647-01-0	Yes	5	5	d
Citric Acid	77-92-9	no			

3. Hazards Identification

Odour	chlorine odor.
Appearance	Clear, amber fluid
Contact with eyes	Irritation, severe burns & permanent damage including blindness.
Contact with skin	Burning, irritation and dermatitis.
Inhalation	Irritant causing burning, choking, coughing, headaches.
Ingestion	Unlikely route, causes severe burns to internal organscan occur.

4. First Aid Measures

Eye Contact:	Flush with water for 15 minutes. Get medical attention.
Skin Contact:	Remove contaminated clothing. Wash with water for 15 minutes.

Ingestion	DO NOT INDUCE VOMITING. Drink large quantity of water. Get immediate medical attention.
Inhalation	Remove to fresh air. Get medical attention.

5. Fire-fighting Measures

- **FLASH POINT AND METHOD USED**:-None
- **EXTINGUISHER MEDIA:**-Non-combustible
- **SPECIAL FIRE FIGHTING PROCEDURE S :** None

6. Accidental Release Measures

Respiratory Protection (specify type) :	Approved self -contained breathing apparatus when air concentrations exceed 100 ppm HCL vapors.
Protective Gloves :	Neoprene
Eye Protection:	Chemical goggles and/or face shield.
Other Protective Clothing & Equipment :	Neoprene or PVC rain suit & boots in case of fire.
Hygienic WorkPractices :	Do not eat, drink or smoke in work area. Wash hands after handling.
Ventilation Requirements :	As necessary to maintain HCL vapors below 5 ppm at all times.

7. Handling and Storage

Steps To Be Taken If Material Is Spilled Or Released:	Contain fluid by diking. Neutralize with soda ash or diluted caustic soda.
Waste Disposal Methods:	Wash neutralized material down the sewer.
Storage	Store in original container or acid-resistant containers. Keep container sealed when not in use. Shelf life one year. Store in cool, bare metal free area.
Other Precautios & / or Special Hazar s :	KEEP OUT OF REACH OF CHILDREN

8. Exposure controls and personal protection

FLASH POINT AND METHOD USED	None
EXT INGUISHER MEDIA:	Non-combustible
SPCIAL FIRE FIGHTING PROCEDURES :	None

9. Physical and chemical properties

Appearance:	Clear, amber fluid
Odor	chlorine odor.
Boiling Point:	>212 º F
Vapor Pressure:	N/A
Solubility in Water:	Total
Specific Gravity (H2O=1):	1.06-1.08
Evaporation Rate	1.0
Water Reactive:	None

10. Stability and reactivity

- **Incompat ibility (Mat. to avoid)** Bases, metals, mercuric sulfate, carbides of Ca, Cs, Rb.
- **Conditions to Avoid:** Contact with strong bases can cause violent reaction generating large amounts of heat

11. Toxicological information

Toxicological information	No experimental data available.
Inhalation	Irritant causing burning, choking, coughing, headaches.
Contact with skin	Burning, irritation and dermatitis.
Contact with eyes	Irritation, severe burns & permanent damage including blindness
CHRONIC EFFECTS:	None known.
Ingestion	Unlikely route, causes severe burns to internal organs
Medical Conditions General ly Ag gravated by Exposure	Skin, eye, mucous membrane irritation.

12. Ecological information

13. Disposal considerations

14. Transport information

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15. Regulatory information

16. Other information