

## 1. Product and Company Identification

www.rxmarine.com

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](mailto:mail@rxmarine.com)

## 2. Composition / Information on ingredients

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

## 3. Hazards Identification

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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

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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

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

## 6. Accidental Release Measures

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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

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Steps To Be Taken If Material Is Spilled Contain fluid by diking. Neutralize with soda ash or diluted caustic soda.

Or Released:

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 metal free area.

Other Precautions & / or Special Hazards KEEP OUT OF REACH OF CHILDREN

:

## 8. Exposure controls and personal protection

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FLASH POINT AND None

METHOD USED

EXTINGUISHER MEDIA: Non-combustible

SPECIAL FIRE FIGHTING PROCEDURES : None

## 9. Physical and chemical properties

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Appearance: Clear, amber fluid  
Odor: chlorine odor.  
Boiling Point: >212 ° F  
Vapor Pressure: N/A  
Solubility in Water: Total  
Specific Gravity (H<sub>2</sub>O=1): 1.06-1.08  
Evaporation Rate: 1.0  
Water Reactive: None

## 10. Stability and reactivity

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- **Incompatibility (Material 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

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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 Generally Aggravated Skin, eye, mucous membrane irritation.

## 12. Ecological information

[www.rxmarine.com](http://www.rxmarine.com)

## 13. Disposal considerations

[www.rxmarine.com](http://www.rxmarine.com)

## 14. Transport information

[www.rxmarine.com](http://www.rxmarine.com)

## 15. Regulatory information

[www.rxmarine.com](http://www.rxmarine.com)

## 16. Other information

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