

# 1. Product and Company Identification

www.rxmarine.com

Product Name RXSOL-60-6274-100  
Product Type Aluminum Chlorid 0.1 M

## Company Details:

RX MARINE INTERNATIONAL  
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# 2. Composition / Information on ingredients

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SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
Aluminum Chloride Hexahydrate	CAS# 7784-13-6	2 - 3%	W/V	ACGIH TWA 2 mg (Al)/m <sup>3</sup>
Water, Deionized ASTM Type II	CAS# 7732- 18-5	97-98%	V/V	None Established

# 3. Hazards Identification

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May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

Emergency Overview: May cause eye and skin irritation. May cause severe respiratory tract irritation with possible bronchospasm. May cause severe allergic reactions with possible anaphylaxis. Water flushes.

Irritation: May cause irritation to respiratory tract.

Respiratory: Breathing may cause irritation of the mouth, throat and stomach.

Skin: May cause irritation to skin. May cause irritation.

Eye Contact: May cause irritation to eyes, and with greater exposure, severe burns with possible blindness resulting. Solution acidic. Causes irritation. Redness, Pain and Blurred Vision.

Chronic Exposure: Persons with Pre-Existing Skin Disorders may be susceptible to these Solutions.

Aggravated by Exposure: Chronic Respiratory Diseases, Pre-Existing Eye Problems and Skin Diseases.

# 4. First Aid Measures

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May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

SKIN:

Remove contaminated clothing. Wash exposed area with soap and water. If irritation persists, seek medical

EYES:

attention.

Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid.

INHALATION:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION

Give several glasses of milk or water. Vomiting may occur

## 5. Fire-fighting Measures

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Fire Extinguisher Type:

Any means suitable for extinguishing surrounding fire

Fire / Explosion Hazard:

None Known.

Fire Fighting Procedures:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

## 6. Accidental Release Measures

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Deposits of a water container with liquid, gas and local regulations, transfer area of Leak or Spill. Keep Unnecessary and Unprotected People away from the area of Spill. Wear Appropriate Personal Protective Equipment as Specified in Section 8. Contain and Recover Liquid when Possible. Use Non-Spalling Tools and Equipment. Collect Liquid in an Appropriate Container or Absorb with an Inert Material (e.g., Vermiculite, Dry Sand, Earth). Do Not Use Combustible Materials, such as Saw Dust. Do Not Flush to Sewer US Regulations (CERCLA) Require Reporting Spills and Releases to Soil, Water and Air in Excess of Reportable Quantities.

## 7. Handling and Storage

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Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling.

## 8. Exposure controls and personal protection

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Respiratory Protection

None required

Ventilation

Local

OTHER

Mechanical

Gloves to prevent skin exposure to rubber or vinyl

Protective Gloves

Splash Goggles

EYE PROTECTION

Other Protective Equipment

Use safe laboratory handling procedures.

## 9. Physical and chemical properties

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BOILING POINT

100°F (37.8°C)

VAPOR PRESSURE

Information not available

MELTING POINT

0°C (32°F)

VAPOR DENSITY

Information not available

EVAPORATION RATE

Information not available

Appearance /Odors

Clear,colorless, available

Flash Point

Information not available

Specific Gravity

Information not available

Pressure Viable by

147

Solubility in Water

## 10. Stability and reactivity

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### STABILITY

CONDITIONS TO AVOID

Heat

MATERIALS TO AVOID

Information not available

HAZARDOUS DECOMPOSITION

HCFC gases

PRODUCTS

HAZARDOUS POLYMERIZATION Will Not Occur

Conditions to Avoid None known

## 11. Toxicological information

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Carcinogenic References: IARC Category - None, NTP Carcinogen - Known: No

## 12. Ecological information

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Environmental Fate: No Information Found.

Environmental Toxicity: No Information Found.

## 13. Disposal considerations

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Waste must be disposed of in accordance with federal, state and local environmental control regulations.

## 14. Transport information

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DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

## 15. Regulatory information

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CAS# 7784-13-6 is not listed on the TSCA inventory. It is for research and development use only.

## 16. Other information

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Conditions aggravated/Target organs: Persons with preexistence skin, eye, or respiratory disorders are more susceptible. Acute: May cause irritation and pain to skin, eyes, lungs, and gastro-intestinal tract. Nausea, coughing. Chronic: Dermatitis.

Flammability

Health

Reactivity

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Revisions

NFPA

0

8/2/2010

0.1 updated msds to 16 section from 10 section msds. STN

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