

1. Product and Company Identification

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Product Name RXSOL-62-6198-002
Product Type Glycerol Sulfate Solution

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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NaCl	W/V	OSHA PEL 0.89 mg/m ³
AlCl ₃ .6H ₂ O	V/V	OSHA PEL (C) 5 ppm, (C) 7 mg/m ³
Water, Deionized ASTM Type II Hcl	V/V	None Established

3. Hazards Identification

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May cause irritation and burns. May be harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

Emergency Overview:Ingestion may Cause Gastronintestinal Disturbances. May Cause Eye Irritation, Redness and Pain.

Inhalation:Not Expected to Be a Health Hazard.

Ingestion:Large Oral Doses may Cause Gastrointestinal Disturbances.

Skin:No Adverse Effects Expected.

Eye Contact:May Cause Irritation, Redness and Pain.

Chronic Exposure:No Information Found.

Aggravated by Exposure:No Information Found.

4. First Aid Measures

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May cause irritation and burns. May be harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

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

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally.

INGESTION:

Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, provide artificial respiration. If breathing is difficult, give oxygen

Give several glasses of milk or water. Vomiting may occur spontaneously. NOT INDUCE! Never give anything by mouth to an unconscious person

5. Fire-fighting Measures

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Fire Extinguisher Type:

Any means suitable for extinguishing hydrocarbon fire

Fire / Explosion Hazards:

None

Fire Fighting Procedures:

Wear self-contained breathing apparatus and protective clothing to prevent contact with dust and fumes

6. Accidental Release Measures

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Absorb spill with inert material, then place in a chemical waste container. Neutralize with a weak base.

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Contain and Recover Liquid when Possible

7. Handling and Storage

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Store in a cool dry place. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Keep out of direct sunlight, away from heat, water and incompatible materials. Containers may be

8. Exposure controls and personal protection

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Respiratory Protection

None required

Ventilation

Local

OTHER

Mechanical

Protective Gloves

Wear appropriate gloves to prevent skin exposure

EYE PROTECTION

Splash Goggles

Other Protective Equipment

Wear appropriate clothing to prevent skin exposure

9. Physical and chemical properties

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BOILING POINT

Information not available

VAPOR PRESSURE

Information not available

MELTING POINT

Information not available

VAPOR DENSITY

Information not available

EVAPORATION RATE

Information not available

Appearance /Odors

Clear colorless liquid/no

Flash Point

Information not available

Specific Gravity

Information not available

Phase: Volatile by

1993

Explosive: Not a

Auto Ignition Temp

Not applicable

Lower Flammable Limit in Air

Not applicable

Solubility in Water

Soluble

10. Stability and reactivity

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STABILITY

CONDITIONS TO AVOID

Avoid Light

MATERIALS TO AVOID

Hydrochloric acid, phosphoric acid, bases

HAZARDOUS DECOMPOSITION PRODUCTS

Hydrochloric acid

HAZARDOUS POLYMERIZATION

Will Not Occur

Conditions to Avoid

None known

11. Toxicological information

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Carcinogenic References: Hydrogen Chloride - IARC Category 3, NTP Carcinogen - Known:

No

12. Ecological information

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Environmental Fate: When Released into the Soil, this Material is Not Expected to Biodegrade.

When Released into the Soil, this Material may Leach into Groundwater.

13. Disposal considerations

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Dilute with Water and Flush to Sewer if Local Ordinances Allow, Otherwise, Whatever Cannot be Saved for Recovery or Recycling should be Managed in an Appropriate and Approved Waste

Disposal Facility. Processing, Use or Contamination of this Product may Change the Waste Management Options. State and Local Disposal Regulations May Differ from Federal Disposal Regulations. Dispose of Container and Unused Contents in Accordance with Federal, State and Local Requirements.

14. Transport information

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DOT Classification: UN1789, Hydrochloric Acid Solution, 8, PG III

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

15. Regulatory information

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Part 1:Ingredient

Barium Chloride (10361-37-2)

Hydrogen Chloride (7647-01-0)

TSCA Yes YES

EC Yes YES


Japan YES YES

Australia Yes YES

Chemical Inventory Status

Part 2:Ingredient

Barium Chloride (10361-37-2)
Hydrogen Chloride (7647-01-0)
Korea Yes YES
DSL Yes YES
NDSL No NO
Phil. Yes YES

Federal, State & International Regulations 

Part 1: Ingredient.

Barium Chloride (10361-37-2)
Hydrogen Chloride (7647-01-0)

RQ No 5000
TPQ No 500
List NO YES

Chemical Catg: BARIUM COMP No

Federal, State &
International Regulations 

Part 2: Ingredient

Barium Chloride (10361-37-2)
Hydrogen Chloride (7647-01-0)

CERCLA NO 5000
261.33 No NO
8(d) No NO

Chemical Weapons Convention: No

TSCA 12 (b):No

16. Other information

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Overexposure symptoms: Corrosive effects.: Acute-Irritation possible to skin, eyes, lungs, mucous membranes, and GI tract. Chronic- none known.
Conditions aggravated/Target organs: Persons with preexisting skin, eye, or respiratory disorders may be more susceptible. May be Toxic by ingestion.
Ingestion may cause severe abdominal pain, violent purging with bloody stool, confusion, paralysis, For eye contact, flush with plenty of water for

Flammability

Health

Reactivity

Revisions

7/30/2010

NFPA

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