

1. Product and Company Identification

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Product Name RXSOL-60-6251-100
Product Type Sulfate Indicator Solution AF Grade

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
<small>1,2-Diphenyl (Phenolic Oxide)</small>	<small>CAS# 57-55-6</small>	~35%	V/V	
<small>Diphenylmethane sulfonic Acid/Disodium Salt</small>	CAS# 6381-92-6	0.1-0.5%	W/V	None established
Water, Deionized ASTM Type II	CAS# 7732- 18-5	Balance	V/V	None Established

3. Hazards Identification

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Causes severe irritation and burns. May be harmful if swallowed. May be harmful if absorbed through the skin. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

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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Causes severe irritation and burns. May be harmful if swallowed. May be harmful if absorbed through the skin. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

SKIN: Remove contaminated clothing. Wash

EYES:

exposed area with soap and water. if irritation persists, seek medical 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 spontaneously, but DO 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 non-flammable fire

Fire / Explosion Hazard:

None

Fire Fighting Procedure:

Wear self-contained breathing apparatus and protective clothing to prevent contact with fire and smoking

6. Accidental Release Measures

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Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local law.

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

8. Exposure controls and personal protection

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Respiratory Protection

None required

Ventilation

Local

OTHER

Mechanical

Protective Gloves

Gloves to prevent skin exposure as rubber or vinyl

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

Information not available

MELTING POINT

VAPOR DENSITY

not available

EVAPORATION RATE

Information not available

Appearance /Odors

Colorless liquid, mild odor

Flash Point

Not flammable

Specific Gravity

Information not available

Precipitate Visible by

not available

Evaporation Residue

Auto Ignition Temp

not available

Lower Flamm. Limit in Air

not available

Upper Flamm. Limit in Air

not available

Solubility in Water

Soluble

10. Stability and reactivity

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STABILITY

CONDITIONS TO AVOID

see incompatibilities

MATERIALS TO AVOID

acid anhydrides, oxidizing agents,
amines, carbonates, alkaline metal hydroxides

HAZARDOUS DECOMPOSITION
PRODUCTS

Toxic, irritant fumes, possible explosion

hydrogen

HAZARDOUS POLYMERIZATION

Will Not Occur

Conditions to Avoid

None

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: UN1769, Hydrochloric Acid Solution, 8, PG II

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

15. Regulatory information

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Chemical Inventory Status 

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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Poison! Danger! Corrosive! Liquid and mist cause severe burns to all body tissue. May be fatal if swallowed or inhaled. Inhalation may cause lung damage. Overexposure symtoms: Corrosive effects.: Acute-Irritation possible to skin, eyes, lungs, mucous membranes, and GI tract. 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

6/30/2010

NFPA

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

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