

1. Product and Company Identification

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Product Name RXSOL-68-6803-050
Product Type Chromium 6 Neutralizer RXSOL

Company Details:

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

Stock Point: Mumbai, Kandla, Kolkata, Vizag, Chennai, Fujairah UAE, Muscat OMAN, Kenya Africa, Canada

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2. Composition / Information on ingredients

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This product contains proprietary blend of non-hazardous neutralizers.

3. Hazards Identification

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Potential Acute Health Effects Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant).

Potential Chronic Health Effects Slightly hazardous in case of skin contact (sensitizer), of ingestion, of inhalation (lung irritant). CARCINOGENIC (classifiable for human.) by IARC. MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. TERATOGENIC: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to upper respiratory tract, skin or prolonged exposure to the substance can produce target organs damage.

4. First Aid Measures

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Eye Contact Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, Get medical attention immediately.

Skin Contact In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation Not available.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a corset or waistband.

5. Fire-fighting Measures

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Flammability of the Product	Non-flammable
Auto-Ignition Temperature	Not applicable.
Flash Points	Not applicable.
Flammable Limits	Not applicable.
Products of Combustion	Not available.
Fire Hazards in Presence of Various Substances	Not available.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions
Special Remarks on Fire Hazards

Not applicable.
When heated to decomposition it emits toxic fumes of SO_x, Na₂O. Decomposes on heating to sulfate

6. Accidental Release Measures

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Small Spill Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading contaminated surface and dispose of according to local and regional authority requirements.

Large Spill Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration above TLV. Check TLV on the MSDS and with local authorities.

7. Handling and Storage

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Precautions Keep locked up.. Do not ingest. Do not breathe dust. Avoid contact with skin. Wear suitable protective clothing. In case of contact with eyes, wash thoroughly with water. If inhaled, seek medical attention immediately. If ingested, seek medical advice immediately and show the container. Keep away from incompatibles such as oxidizing agents, acids.

Storage Keep container tightly closed. Keep container in a cool, well-ventilated area. Moisture sensitive. Air Sensitive

8. Exposure controls and personal protection

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Engineering Controls Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the recommended limit.

Personal Protection Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid exposure to dust. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits TWA: 5 (mg/m³) [United Kingdom (UK)] TWA: 5 (mg/m³) from ACGIH (TLV) [United States] TWA: 5 (mg/m³) [United States] Consult local authorities for acceptable exposure limits.

9. Physical and chemical properties

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Physical state and appearance Liquid

Odor odor of sulfur dioxide

Taste Not available.

Molecular Weight 190.13 g/mole

Color Clear to Pale

pH (1% soln/water): 4.3 [Acidic.]

Boiling Point Not available.

Melting Point Decomposition temperature: 150°C (302°F)

Critical Temperature Not available.

Specific Gravity >1.1

Vapor Density Not available.

Volatility Not available.

Odor Threshold Not available.

Water/Oil Dist. Coeff Not available.

Ionicity (in Water) Not available.

Dispersion Properties Soluble

Solubility Easily soluble in cold water, hot water. Freely soluble in glycerol. Slightly soluble in alcohol. Moderately soluble in ethanol.

10. Stability and reactivity

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Stability	The product is stable.
Instability Temperature	Not available.
Conditions of Instability	Incompatible materials, heat, moisture, air, dust generation.
Incompatibility with various substances	Reactive with oxidizing agents, acids.
Corrosivity	Non-corrosive in presence of glass.
Special Remarks on Reactivity	Moisture sensitive Air sensitive. It slowly oxidizes to sodium sulfate upon exposure to air and moisture. Incompatible with nitrite
Special Remarks on Corrosivity	Not available.
Polymerization	Will not occur.

11. Toxicological information

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Routes of Entry	Inhalation. Ingestion.
Toxicity to Animals	
Chronic Effects on Humans	CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. MUTAGENIC EFFECTS: Mutagenic for yeast. May cause damage to the following organs: upper respiratory tract, skin, eyes.
Other Toxic Effects on Humans	Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (permeation)
Special Remarks on Toxicity to Animals	Not available
Special Remarks on Chronic Effects on Humans	May affect genetic material (mutagenic) based on animal test data. May cause adverse reproductive effects based on animal test data.
Special Remarks on other Toxic Effects on Humans	Acute Potential Health Effects: Skin: May cause skin irritation. Eyes: May cause eye irritation. Inhalation: May cause irritation with coughing and wheezing. Ingestion: May be harmful if swallowed. May cause gastrointestinal tract irritation with abdominal pain, nausea, vomiting, diarrhea, violent colic, and possible gastric hemorrhaging. May affect behavior and cause central nervous system depression/seizures. It may also affect the cardiovascular system (hypotension, cardiovascular collapse), Ingestion of sulfite compounds may cause a severe allergic reaction (anaphylactoid symptoms) in some individuals and some asthmatics. Chronic Potential Health Effects: Skin: Prolonged or repeated skin contact may cause dermatitis. Ingestion: Prolonged or repeated ingestion may affect the liver, urinary system, and metabolism (weight loss). Repeated exposures may also cause asthma like allergy with coughing, shortness of breath, wheezing and/or chest tightness. Prolonged or repeated inhalation may irritate the lungs, may cause bronchitis to develop with cough, phlegm and difficulty breathing.

12. Ecological information

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Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	The products of degradation are less toxic than the product itself.
Special Remarks on the Products of Biodegradation	Not available.

13. Disposal considerations

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

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DOT Classification	Not a DOT controlled material (United States).
Identification	Not applicable.

15. Regulatory information

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Federal and State Regulations	Connecticut hazardous material survey.: Sodium metabisulfite Illinois toxic substances disclosure to employer: Sodium metabisulfite Rhode Island RTK hazardous substances: Sodium metabisulfite Pennsylvania RTK: Sodium metabisulfite Sodium metabisulfite Massachusetts RTK: Sodium metabisulfite New Jersey: Sodium metabisulfite California Hazardous Substances: Sodium metabisulfite TSCA 8(b) inventory: Sodium metabisulfite TSCA 4(a) ITC priority listing: Sodium metabisulfite TSCA 8(a) PAIR: Sodium metabisulfite TSCA 8(d) H and S data reporting: Sodium metabisulfite: sunset: 6/30/98	
Other Regulations	OSHA	Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200) product is on the European Inventory of Existing Commercial Chemical Substances
Other Classifications	WHMIS (Canada) DSCL (EEC) HMIS (U.S.A.): Health Hazard Fire Hazard Reactivity Personal Protection	CLASS D-2A: Material causing other toxic effects (VERY TOXIC). 2 0 0 E
National Fire Protection Association (U.S.A.)	Health Flammability Reactivity Specific hazard Protective Equipment	2 0 0 Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

16. Other information

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References : Not available.

Other Special Considerations : Not available.

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