

1. Product and Company Identification

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Product Name RXSOL-62-5503-005
Product Type Starch Acid- Sulfite Indicator Powder

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

2. Composition / Information on ingredients

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Ingredient Name	CAS Number	% wt or % vol.
1,4-Butanecarboxylic Acid	124049	60-90
Starch, Soluble	9005258	0-10
Sulfamic acid	5329146	0-25
Non-Hazardous Ingredients	0-40

*See Section 16

3. Hazards Identification

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Human Health Hazards R 36/38 : Causes Irritation / Inhalation may cause headache & dizziness . may cause adverse effects to aquatic environment. Keep away from food, children , animal .

Primary Entry Routes: Eye and Skin Contact. Acute Effects: Irritation to eyes and skin. Inhalation: High mist concentrations can cause irritation of eyes, nose, throat and lungs. Eye: Irritation and/or burning sensation to eyes. Skin: Prolonged or repeated contact may cause skin irritation. Ingestion: Material is possibly harmful if swallowed. Carcinogenicity: IARC, NTP, and OSHA do not list this product or its components as a carcinogen. Medical Conditions Aggravated by Long-term Exposure: No specific information provided on compounds at date of issue.

4. First Aid Measures

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Inhalation	Supply fresh air on irritation medical attention require & show this MSDS to physician. Remove to fresh air. Call if difficulties persist. Eye Contact: Flush eyes with a large amount of water for 15 minutes. Seek medical attention if irritation persists. After first aid, get appropriate in-plant, paramedic or community medical support.
Skin Contact	Skin Contact: Wash affected areas thoroughly with soap and water for at least 15 minutes. Seek medical attention if irritation persists.
Eye Contact	Flush with running water on open eyelids for at least 15 minutes, Immediately medical attention require.
Ingestion	Ingestion: If swallowed, give 2 glasses of water to drink. DO NOT induce vomiting. After first aid, seek appropriate medical support, paramedic, or community medical support. Never give anything by mouth to an unconscious person. After first aid, get appropriate medical support, paramedic, or community medical support.

5. Fire-fighting Measures

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Flash Point: Non-Flammable Flash Point Method: Not applicable Burning Rate: Not applicable Auto-ignition Temperature: Does not burn. LEL: NIA UEL: NIA Flammability Classification: Non Flammable Extinguishing Media: Water fog, Alcohol foam, Carbon Dioxide, Dry Chemical Unusual Fire or Explosion Hazards: None known other than material can splatter above 100o C/212o F. Hazardous Combustion Products: Unknown but carbon monoxide may be released on burning. Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways. Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

6. Accidental Release Measures

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Environmental Precaution	Direct flow into drainage system, surface or ground water is prohibited
Cleaning Method	for preventing the spreading of materials remove spill mechanically or with absorbent materials and dispose of in section 13. Flush with large amounts of water to clean the area. Ventilate well. Personal: During usage of chemical products wear all normal protective equipment and avoid contact with eye and skin and for use in close environment personnel should wear self-contained breathing apparatus

7. Handling and Storage

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Storage Ensure Adequate Ventilation

Condition to Avoid	Flammable but product is stable under normal condition , take precaution as industrial chemical .
Materials to Avoid	Do not subject directly to ALKALINE / Acidic medium.
Handling	Keep Container Tightly Closed in the original container and keep away from open flames / ignition sources.
Note	Eyewash facilities require at workplace

The product causes corrosion on skin and mucous membranes GENERALLY PL. Note that In case of discharge of acidic or alkaline products into the sewerage system the pH must be in the range of 6-10 since higher or lower pH values may damage the sewerage system or impair biological dosage treatment plants. So that for maintaining pH we have to add acidic / basic medium neutraliser . For example if pH is less than 6 basic neutraliser is required and if pH is more than 10 acidic nature neutraliser is required. For details of any guideline pl. Visit our technical website www.rxmarine.com

☑ Dilute in water (always use plastic jar and RXSOL should be added to water never add water to RXSOL.)

8. Exposure controls and personal protection

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Product Properties	
Respiratory System Protection	Approved respirator must be worn when spraying otherwise normally not required
Eye Protection	If there is possibility to contact wear goggles for eye protection
Hand protection	Wear PVC chemical resistance protective gloves
Other Information	Smoking in store / work area is prohibited.

9. Physical and chemical properties

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Physical State: Granular Solid
Water Solubility: 25 % +/-
Appearance and Odor: White Color,
Characteristic Odor Other Solubilities: Not Determined
Vapor Pressure: N/A
Boiling Point: N/A
Vapor Density (Air=1): N/A
Freezing/Melting Point: N.I.A.
Specific Gravity (H2O=1, at 4o C): N.I.A. % Volatile: