

## 1. Product and Company Identification

www.rxmarine.com

Product Name Sodium Benzoate  
Product Type RXSOL-19-1908-050

### Company Details:

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

Stock Point : Mumbai, Kandla, Chennai, Kolkata, Visakhapatnam, Fujairah, Muscat, Kenya Africa, Canada

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Email [mail@rxmarine.com](mailto:mail@rxmarine.com)

## 2. Composition / Information on ingredients

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Name	CAS #	% By weight
Sodium benzoate	532-32-1	100

### Toxicological Data on Ingredients:

Sodium benzoate: ORAL (LD50): Acute: 4070 mg/kg [Rat]. 1600 mg/kg [Mouse]. 2000 mg/kg [Rabbit].

## 3. Hazards Identification

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### Potential Acute Health Effects:

Hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation. Slightly hazardous in case of ingestion.

### Potential Chronic Health Effects:

CARCINOGENIC EFFECTS:	Not available.
MUTAGENIC EFFECTS:	Not available.
TERATOGENIC EFFECTS:	Classified POSSIBLE for human.
DEVELOPMENTAL TOXICITY:	Classified Reproductive system/toxin/female, Reproductive system/toxin/male [SUSPECTED]. The substance may be toxic to blood, the reproductive system, liver, central nervous system (CNS). Repeated 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. Cold water may be used. Get medical attention.
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 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. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.
Serious Ingestion:	Not available.

## 5. Fire-fighting Measures

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Flammability of the Product:	May be combustible at high temperature.
Auto-Ignition Temperature:	Not available.
Flash Points:	Not available.
Flammable Limits:	Not available.
Products of Combustion:	These products are carbon oxides (CO, CO <sub>2</sub> ).
Fire Hazards in Presence of Various Substances:	Slightly flammable to flammable in presence of heat. Non-flammable in presence of shocks. Explosion Hazards in Presence of Various Substances: Risks of explosion of the product in presence of mechanical impact: Not available. Slightly explosive in presence of open flames and sparks.
Fire Fighting Media and Instructions:	
SMALL FIRE:	Use DRY chemical powder.
LARGE FIRE:	Use water spray, fog or foam. Do not use water jet. Special Remarks on Fire Hazards: When heated to decomposition it emits acrid fumes and disodium oxide.
Special Remarks on Explosion Hazards:	Fine dust dispersed in air in sufficient concentrations, and in the presences of an ignition source is a potential dust explosion hazard.

## 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 water on the 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 the contaminated surface and allow to evacuate through the sanitary system.

## 7. Handling and Storage

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Precautions:	Keep locked up. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents.
Storage:	Keep container tightly closed. Keep container in a cool, well-ventilated area. Hygroscopic

## 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 exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
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Personal Protection:

Splash goggles. 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 inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

Not available.

## 9. Physical and chemical properties

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APPEARANCE

Pale yellow , purple pink , white or blue tinted.

ODOUR

Pale yellow , purple pink , whiFruity odour at low concentrations. Sharp at high concentrationste or blue tinted.

pH

Not applicable

BOILING POINT RANGE

145 - 148 deg C

FREEZING POINT

30.6 Deg C

FLASH POINT

35 Styrene (closed cup)

FLAMMABILITY

1.1 - 6.1 % v/v (Styrene)

AUTOFLAMMAIBILITY

490 Deg C

EXPLOSIVE PROPERTIES

Stynene LEL 1.1% UEL 6.1%

OXIDISING PROPERTIES

None

VAPOUR PRESSURE

Styrene 0,60 kPa at 20 DEG C 0.81 kPa at 25 DEG C

DENSITY

1.11 - 1.23gcm<sup>3</sup>

SOLUBILITY IN WATER