

## 1. Product and Company Identification

www.rxmarine.com

Product Name : RXSOL-15-1257-111

Product Type : Bakery Antifungal

### Material Identity

**Product Name: BAKERY ANTIFUNGAL**

**General or Generic ID: FOOD PRESERVATIVE FOR CAKES, CHEESE AND OTHER BAKED PRODUCTS**

### 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](mailto:mail@rxmarine.com)

## 2. Composition / Information on ingredients

www.rxmarine.com

Chemical Name	CAS #	% BY WEIGHT
Proprietary blend	...	100%

## 3. Hazards Identification

www.rxmarine.com

Eye	Can cause redness and an irritating type of pain
Skin	Use Protective gloves while using this product. In case of contact, with plenty of water or shower.
Swallowing	Do not eat, drink, or smoke during work. Rinse mouth. Give one or two water to drink.
Inhalation	Cough. Sore throat.
Symptoms of Exposure	Slightly irritant..
Developmental Information	There are no data available for assessing risk to the fetus from maternal exposure to this material.
Cancer Information	Based on the available information, this material cannot be classified with regard to carcinogenicity. This material is not listed as a carcinogen by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.
Other Health Effects	

Causes slight irritant on exposure to skin or entry in the eye.

Primary Route(s) of Entry

Inhalation, Skin contact, Eye contact.

## 4. First Aid Measures

[www.rxmarine.com](http://www.rxmarine.com)

Eyes

. Rinse with plenty of water (remove contact lenses if easily possible).

Skin

Rinse skin with plenty of water or shower.

Swallowing

Rinse mouth. Give one or two glasses of water to drink.

Inhalation

Fresh air, rest.

Note to Physicians

Preexisting disorders of the following organs (or organ systems) may be affected by exposure to this material: skin, lung (for example, asthma-like conditions), immune system.

## 5. Fire-fighting Measures

[www.rxmarine.com](http://www.rxmarine.com)

Suitable

Carbon dioxide (CO<sub>2</sub>)

Water spray

Foam

Dry powder

Use an extinguishing agent suitable for the surrounding fire.

Use an extinguishing agent suitable for the surrounding fire.

Carbon Dioxide

Water Spray

Foam

Dry Powder

Use an extinguishing agent suitable for the surrounding fire.

Special Exposure Hazards

No Specific Hazard

Special Protective

Wear appropriate protective equipment and self contained breathing apparatus (SCBA) fullface piece operated in positive pressure mode.

Special Risks

Sodium Propionate can burn if heated to decomposition. Similar to dust combustible compounds, under certain conditions the dust of the substance can explode when ignited by a spark, flame. When evaluating the explosion potential for the material, consider particle shape and size, dust concentration, presence of impurities, oxygen concentration, humidity and extent of contact.

Fire and Explosion Hazards

No special fire hazards are known to be associated with this product.

Extinguishing Media

Use an extinguishing media appropriate for surrounding fire..

Risks associated with thermal decomposition products

products

Under fire conditions or above decomposition temperature, emissions include carbon monoxide, carbon dioxide and sodium oxides. Sodium Propionate heated to decomposition.

## 6. Accidental Release Measures

[www.rxmarine.com](http://www.rxmarine.com)

Personal precautions

Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.

Environmental precautions

Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers.

Cleaning methods

If emergency personnel are unavailable, vacuum or carefully scoop up spill and place in an appropriate container for disposal. Avoid creating dusty conditions and prevent wind dispersal. Dispose of as special waste according to local, national regulations. Thoroughly clean the floor and objects contaminated by spill, observing environmental regulations. Refer to section 7 for handling directions.

## 7. Handling and Storage

[www.rxmarine.com](http://www.rxmarine.com)

Handling Directives

Avoid dust formation during handling. DO NOT INGEST or inhale dust. Avoid transformation. Avoid all possible sources of ignition (spark or flame). Smoking is not recommended. Do not perform any welding, cutting, drilling or other operations that are susceptible to cause heat on or near empty container or transfer equipment until combustible solids have been removed. Avoid dust accumulation. Do not use material or use a vacuum equipped with high efficiency filter(s). Do not use compressed air to clean equipment, clothing, etc. is not recommended. Provide ventilation and/or adequate ventilation in the working area. Refer to section 6 for environmental precautions.

Requirements for warehouses and containers

Store in original containers

Storage temperature

## 8. Exposure controls and personal protection

[www.rxmarine.com](http://www.rxmarine.com)

Eye Protection

Safety eyewear complying with an approved standard should be used where an assessment indicates this is necessary to avoid exposure to liquid splashes, gases or dusts. Reference should be made to European Standard EN 166.

Skin Protection

Personal protective equipment for the body should be selected based on the tasks to be performed and the risks involved and should be approved by a competent person for handling this product

Respiratory Protections

A respirator is not needed under normal or intended conditions of production. However, if a properly fitted, particulate filter respirator complying with an approved standard is used, a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the limitations of the selected respirator.

Engineering Controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to ensure exposure below level of overexposure (from known, suspected or apparent health effects).

Exposure Guidelines

No specific exposure limit has been established for this material. For reference, OSHA and ACGIH have established the following limits which are generally recommended for inert or nuisance dust. Particulates Not Otherwise Regulated (PNOR) 1 mg/m<sup>3</sup> over an 8 hour period

**9. Physical and chemical properties** [www.rxmarine.com](http://www.rxmarine.com)

Boiling Point	No data
Vapor Pressure	0 kPa (0 mm Hg) (at 20°C)
Specific Vapor Density	No data
Specific Gravity	No data
Density	0.32 - 0.45 g/mL
Percent Volatiles	No data
Evaporation Rate	No data
Appearance	Low dust white to off-white powder, deliquescent in moist air
State	Solid
Physical Form	Powder
Color	Low dust white to off-white powder, deliquescent in moist air
Odor	Faint Odor
pH	13.8.0 to 10.5 20oC (10% w/v)
Solubility in Water	100 g/100 ml water 25°C or 127 g/100 ml

**10. Stability and reactivity** [www.rxmarine.com](http://www.rxmarine.com)

Reactivity	No Reactivity under normal conditions of use
Stability	The product is stable but hygroscopic
Conditions to avoid	Avoid all sources of spark
Materials to avoid	Reactive with strong acids and oxidising agents and also reacts with metals

## 11. Toxicological information

[www.rxmarine.com](http://www.rxmarine.com)

No data

## 12. Ecological information

[www.rxmarine.com](http://www.rxmarine.com)

No data

## 13. Disposal considerations

[www.rxmarine.com](http://www.rxmarine.com)

Waste residues information

The generation of waste should be avoided wherever possible. Avoid dispersing into the environment, runoff and contact with soil, water, etc. Disposal of this product, solution or residue should at all times comply with the applicable environmental protection and waste management regulations of any national and local authority.

## 14. Transport information

[www.rxmarine.com](http://www.rxmarine.com)

DOT Information	Not applicable
DOT Description:	...
Container/Mode:	55 GAL DRUM/TRUCK
NOS Component:	Not applicable
RQ (Reportable Quantity)	Not applicable
Product Quantity (lbs)	Component

## 15. Regulatory information

[www.rxmarine.com](http://www.rxmarine.com)

NA

## 16. Other information

[www.rxmarine.com](http://www.rxmarine.com)

Text of R and S phrase codes used in this safety data sheet:- R34: Causes burns; R36: Irritating to eyes; R37: Irritating to respiratory system; R41: Risk of serious damage to eyes. The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents. The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties. The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.

**DISCLAIMER OF LIABILITY :**The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable..