Material Safety Data Sheet

Sodium Propionate (RXSOL-15-1257-025)

1. Product and Company Identifaction

Product Name	:	RXSOL-15-1257-025
Product Type	:	**Sodium Propionate**

Material Identity
Product Name: SODIUM PROPIONATE
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

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Fax	:	+91 22 2781 1318 :::AOH :0091 9821214367
Email	:	mail@rxmarine.com

2. Composition / informationon ingredients

Chemica Name	CAS #	% BY WEIGHT
Sodium Propionate	137-40-6	100%

3. Hazards Identification

Eye	Can cause redness and an irritating type of pain
Skin	Use Protective gloves while using this product. In case of contact, r inse skin with plenty of water or shower.
Swallowing	Do not eat, drink, or smoke during work. Rinse mouth. Give one or two glasses of 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

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 aggravated by exposure to this material: skin, lung (for example, asthma-like conditions), immune system.

5. Fire-fighting Measures

Suitable	Carbon Dioxide Water Spray Foam Dry Powder Use an extinguishing agent suitable for the surrounding fire.
Special Exposure Haazards	No Specific Hazard
Special Protective	Wear appropriate protective equipment and self contained breathing apparatus witha fullface piece operated in positive pressure mode.
Special Risks	Sodium Propionate can burn if heated to decomposition. Similar to dust of most combustible compounds, under certain conditions the dust of the substance may explode when ignited by a spark, flame. When evaluating the explosion hazard potential for the material, consider particle shape and size, dust concentration, presence of impurities, oxygen concentratioin, humidity and extent of containment.

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	Under fire conditions or above decomposition temperature, emits carbon monooxide, carbon dioxide and sodium oxides. Sodium Propionate can burn if heated to decomposition.

6. Accidental Release Measures

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 spilt material and place in an appropriate container for disposal. Avoid creating dusty conditions and prevent wind dispersal. Dispose of as special waste according to local and national regulations. Thoroughly clean the floor and objects contaminated by observing environmental regulations. Refer to section 7 for handling directives..

7. Handling and Storage

Handling Directives	Avoid dust formation during handling. DO NOT INGEST without prior transformation. Avoid all possible sources of ignition (spark or flame). Dry sweeping is not recommended. Do not perform any welding, cutting, drilling or other work that is susceptible to cause heat on or near empty container or transfer equipment until all combustible solids have been removed. Avoid dust accumulation. Pre-wet the material or use a vacuum equipped with high efficiency filter(s). The use of 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	30°C, not critical. Store away from direct sunlight

8. Exposure controls and personal protection

Eye Protection	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, 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 task being performed and the risks involved and should be approved by a specialist before handling this product
Respiratory Protections	A respirator is not needed under normal or intended conditions of product use. Use a properly fitted, particulate filter respirator complying with an approved standard if 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 safe working limits of the selected respirator.
Engineering Controls	Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure (from known, suspected or apparent adverse effects).

Exposure Guidelines	o specific exposure limit has been established for this material. For reference, OSHA and ACGIH have established the following limits which are generally recognized for inert or nuisance dust. Particulates Not Otherwise Regulated (PNOR) 15mg/cu. meter

9. Physical and chemical properties

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 water 80°C

10. Stability and reactivity

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

No data

12. Ecological information

No data

13. Disposal considerations

Waste residues information	The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewer. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation, and any national and local authority requirements.

14. Transport information

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

15. Regulatory information

NA

16. Other information

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 .