Material Safety Data Sheet

Calcium Propionate (RXSOL-15-1257-125)

1. Product and Company Identifaction

Product Name	RXSOL-15-1257-125
Product Type	Calcium Propionate

Company Details: RX MARINE INTERNATIONAL

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

Branch Stock Point ::: Mumbai, Kandla, Chennai - Ennore, visakhapatnam, Kolkata, Fujairah

Phone	+91 22 27815541 / 42
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Email	mail@rxmarine.com

2. Composition / informationon ingredients

Composition	Calcium salt of Propionic Acid
Appearance	White Granular
Purity	98% Min.
Moisture	5.0% Max.

3. Hazards Identification



Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Skin	May be harmful if absorbed through skin. May cause skin irritation.
Eyes	May cause eye irritation.
Ingestion	May be harmful if swallowed.

4. First Aid Measures

Inhalation	Supply fresh air on irritation, If breathed in, move person into fresh air. If not breathing give artificial respiration
Skin Contact	In case of contact with skin, Wash off with soap and plenty of water.
Eye Contact	Flush eyes with water as a precaution.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water.

5. Fire-fighting Measures

Flamable Properties

Flash Point: 57.7ºC

Boiling Point: 141.1ºC at 760 mm of Hg

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental Release Measures

Personal precautions Avoid dust formation. Environmental precautions Do not let product enter drains. Methods for cleaning up Sweep up and shovel. Keep in suitable,closed containers for disposal. Storage Ensure Adequate Ventilation

7. Handling and Storage

Handling

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage

Keep container tightly closed in a dry and well-ventilated place. hygroscopic Keep in a dry place.

8. Exposure controls and personal protection

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

Appearance	White Powder
Density	g/cm^3 at 15°C: 0.89
pH Flash Point Boiling point Ignition temp	7.0 - 9.0 at 100 g/l at 20 °C (68 °F)90 ºC >57.7ºC N/A
SOLUBILITY	Emulsifiable with water / soluble in most solvents

10. Stability and reactivity

Storage stability

Stable under recommended storage conditions.

Materials to avoid

Strong oxidizing agents

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. Carbon oxides

11. Toxicological information

Skin Irritation	May cause skin irritation
Eye Irritant	May cause irritation
ChronicToxicity	Not Identified

12. Ecological information

RX-SOL Calcium Propionate is used extensively as a mold/fungal inhibitor in Breads, Cakes, Buns, Rolls, Pizza Bases, Doughnuts and other baked goods.It is is non-volatile & non-corrosive in nature. RX-SOL Calcium Propionate prevents the growth of mold and rope in baked products, and is easily miscible with water and safe to handle. It does not affect the flavour, taste and the appearance of baked goods and only makes it better. Propionates are found in many foods & in the human body. Laboratory tests have confirmed that they are harmless. One of the bonus features of RX-SOL Calcium Propionate is that it acts as a natural preservative.

13. Disposal considerations

As per guide line of local rules and regulation and before disposal and neutralization pl. refer 07 article.

15. Regulatory information

16. Other information

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