

1. Product and Company Identification

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Product Name RXSOL-60-6203-100
Product Type Calcium Nitrate, Saturated Solution

Company Details:

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

Phone +91 22 27815540 / 41 / 42
Fax +91 22 2781 1318 :::AOH :0091 9821214367
Email mail@rxmarine.com

2. Composition / Information on ingredients

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SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<small>Calcium Nitrate</small>	<small>CAS 1477-14-4</small>	20 - 50%	W/V	None established
Water, Deionized ASTM Type II	<small>CAS 7732-18-5</small>	50-80%	V/V	None Established

3. Hazards Identification

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Heat, shock, friction, or contact with other materials may cause fire or explosion. Harmful if swallowed. Avoid breathing vapor or dust. Use adequate ventilation. Avoid contact with eyes, skin or clothes. Wash thoroughly after handling. Keep closed.

Emergency Overview: Danger! Strong oxidizer. Contact with other material may cause fire. Causes irritation to skin, eyes and respiratory tract. Harmful if swallowed or inhaled.

Inhalation: Irritates the respiratory tract. Symptoms may include coughing and scratchy throat.

Ingestion: May cause irritation to the mucous membranes.

Skin: Effects are expected to be less severe than for exposure to higher concentrations where symptoms include irritation to the skin with redness, itching and pain.

Eye Contact: Effects are expected to be less severe than exposure to higher concentrations where symptoms include eye irritation, redness and pain.

Chronic Exposure: No information found.

Aggravated by Exposure: No information found.

4. First Aid Measures

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Heat, shock, friction, or contact with other materials may cause fire or explosion. Harmful if swallowed. Avoid breathing vapor or dust. Use adequate ventilation. Avoid contact with eyes, skin or clothes. Wash thoroughly after handling. Keep closed.

SKIN: Remove contaminated clothing. Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial

INGESTION:

If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

5. Fire-fighting Measures

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Fire Extinguisher Type:

Any means suitable for extinguishing surrounding fire

Fire / Explosion Hazard:

Thermal decomposition produces highly toxic fumes.

Fire Fighting Procedure:

Wear self-contained breathing apparatus and protective clothing to prevent contact with fire and fumes.

6. Accidental Release Measures

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Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local law.

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in section 8. Contain and recover liquid when possible. Collect liquid in an appropriate container or absorb with an inert material (vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust.

7. Handling and Storage

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Store in a cool, dry, well-ventilated place away from incompatible material. Wash thoroughly after handling.

8. Exposure controls and personal protection

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Respiratory Protection

None required

Ventilation

Local

OTHER

Mechanical

Protective Gloves

Gloves to prevent skin exposure as rubber or vinyl

EYE PROTECTION

Splash Goggles

Other Protective Equipment

Wear appropriate clothing to prevent skin exposure

9. Physical and chemical properties

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BOILING POINT

Information not available

VAPOR PRESSURE

Information not available

MELTING POINT

Information not available

VAPOR DENSITY

Information not available

EVAPORATION RATE

Information not available

Appearance /Odors

Clear, colorless, odorless liquid

Flash Point

No applicable

Specific Gravity

Information not available

Process Viscosity by

Information not available

Evaporation Standard

Auto Ignition Temp

No applicable

Lower Flamm. Limit in Air

No applicable

Upper Flamm. Limit in Air

No applicable

Solubility in Water

Soluble

10. Stability and reactivity

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STABILITY

CONDITIONS TO AVOID

Avoid contact with incompatible materials.

MATERIALS TO AVOID

Carbonates, acids, bases, oxidizing agents, strong acids, etc.

None known may be released in fire.

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION

Will Not Occur

Conditions to Avoid

None known

11. Toxicological information

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Carcinogenic References: NTP Carcinogen - Known: No, IARC Category- None

12. Ecological information

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Environmental Fate: No Information Found.

13. Disposal considerations

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Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport information

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DOT Classification: UN3139, Oxidizing Liquid, n.o.s.
(Calcium Nitrate), 5.1, PG III

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

15. Regulatory information

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Chemical Inventory Status

Part 1:Ingredient

Calcium Nitrate (10124-37-5)

TSCA	Yes
EC	Yes
Japan	YES
Australia	Yes

Chemical Inventory Status

Part 2:Ingredient

Calcium Nitrate (10124-37-5)

Korea	Yes
DSL	Yes
NDSL	No
Phil.	Yes

Federal, State & International Regulations

Part 1: Ingredient.

Calcium Nitrate (10124-37-5)

RQ	No
TPQ	No

List NO
Chemical Catg: No

Federal, State &
International Regulations
Part 2:Ingredient
Calcium Nitrate (10124-37-5)
CERCLA NO
261.33 No
8(d) No

Chemical Weapons
Convention: No
TSCA 12 (b):No
CDTA:No
SARA 311/312: Acute: Yes
Chronic: Yes
Fire: NO
Pressure: No
Reactivity: No PURE/SOLID)
Australian Hazchem NONE ALLOCATED
Poison Schedule:NONE ALLOCATED

16. Other information

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May cause redness and pain to eyes and skin. Ingestion could cause abdominal cramps and possible methemoglobinemia. Conditions aggravated/target organs: Persons with pre-existing conditions may be more susceptible.

Flammability

Health

Reactivity

Revisions	NFPA
6/30/2010	0.1 updated msds to 16 section from 10 section msds. STN

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