



RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

RXSOL-40-6202-050

Calcium Chloride Solution

Material Safety Data Sheet (MSDS)

www.rxmarine.com

1. Product and Company Identification

Product Name	Calcium Chloride, Saturated Solution
Product Type	RXSOL-40-6202-050

Company Details:

RX MARINE INTERNATIONAL

105, A wing , BSEL , TECH PARK.

VASHI ,NEW BOMBAY 400703 INDIA

Phone	+91 22 65113333/ 5555 / 9999 / 27611360 / 27815540
Fax	+91 22 2781 1318 ::::AOH :0091 9322594669
Email	mail@rxmarine.com

www.rxmarine.com

2. Composition / Information on ingredients

S A R A 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
	Calcium Chloride Dihydrate	CAS# 10035-04-8	30-60%	W/V	TXDS: LD50 (rat):1.4 g/Kg
	Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	V/V	None Established

www.rxmarine.com

3. Hazards Identification

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

Emergency Overview:	Warning! Harmful if swallowed. Causes irritation to skin and eyes. May cause respiratory tract irritation.
Inhalation:	Effects are expected to be less severe than for exposure to higher concentrations Where symptoms include irritation to the respiratory tract with coughing and shortness of breath.
Ingestion:	Effects are expected to be less severe to exposure to higher concentrations where symptoms include irritation to the gastrointestinal tract with nausea, vomiting and diarrhea.

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

www.rxmarine.com

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

FIRST AID:

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 respiration. If breathing is difficult, give oxygen
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

www.rxmarine.com

Fire Extinguisher Type:	Any means suitable for extinguishing surrounding fire
Fire/Explosion Hazards:	None Known
Firefighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

6. Accidental Release Measures

www.rxmarine.com

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. Do not flush to sewer.

7. Handling and Storage

www.rxmarine.com

This material is not considered hazardous.

Store in a cool, dry place.

Handle using safe laboratory practices.

8. Exposure controls and personal protection

www.rxmarine.com

Respiratory protection	None required
Ventilation	Local Exhaust Mechanical
Protective gloves	Gloves to prevent skin exposure (e.g., rubber or vinyl)
Eye protection	Splash Goggles
Other protective equipment	Wear appropriate clothing to prevent skin exposure.

9. Physical and chemical properties

www.rxmarine.com

Melting Point	~30°F (-0.9°C)
Boiling Point	~212°F (100°C)
Vapor Pressure	not Available
Vapor Density	not Available
Solubility In Water	soluble
Appearance/Odors	Clear, odorless liquid
Flash Point	Nonflammable
Percent Volatile By Volume	~66%
Evaporation Rate	Information not available
Evaporation Standard	
Auto Ignition Temp	Not Applicable
Lower Flamm. Limit In Air	Not Applicable
Upper Flamm. Limit In Air	Not Applicable
Specific Gravity	~1.39

10. Stability and reactivity

www.rxmarine.com

Stability	Stable
Conditions to Avoid	Temperature extremes
Materials to Avoid	Concentrated acids and bases
Hazardous Decomposition Products	None known to occur
Hazardous Polymerization	Not expected to occur
Conditions to Avoid	None known

11. Toxicological information

www.rxmarine.com

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

12. Ecological information

www.rxmarine.com

Environmental Fate: No Information Found

13. Disposal considerations

www.rxmarine.com

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

www.rxmarine.com

DOT Classification: Not Regulated

DOT regulations may change from time to time. Please consult the most recent DOT regulations.

15. Regulatory information

www.rxmarine.com

Chemical Inventory Status -

Part 1: Inrdient

Calcium Chloride (10043-52-4)

TSCA	Yes
EC	Yes
Japan	Yes
Australia	Yes

Chemical Inventory Status

Part 2: Ingredient

Calcium Chloride (10043-52-4)

Korea	Yes
DSL	Yes
NDSL	No
Phil.	Yes

Federal, State & International Regulations -

Part 1: Ingredient

Calcium Chloride (10043-52-4)

RQ	No
TPQ	No
List	No
Chemical Catg	No

Federal, State & International Regulations -

Part 2:Ingredient

Calcium Chloride (10043-52-4)

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 Code	None allocated
Poison Schedule	None allocated

16. Other information

www.rxmarine.com

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Rx Marine International be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.

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.

This Safety Data Sheet is provided by RXSOL. For the most current version of this document, please visit varanasichemical.com. This document is prepared in accordance with GHS / OSHA HazCom standards. The information contained herein is believed to be accurate but does not purport to be all-inclusive. It is the responsibility of the user to determine the suitability of this information for their application.