

## 1. Product and Company Identification

www.rxmarine.com

Product Name RXSOL-60-6138-001  
Product Type Calcium Chloride Dehydrate AR

### Company Details:

RX MARINE INTERNATIONAL  
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## 2. Composition / Information on ingredients

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SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<small>Calcium Chloride Dihydrate</small>	<small>CAS 10035-04-9</small>	30 - 60%	W/V	TXDS: LD <sub>50</sub> (rat): 1.4 g/Kg
Water, Deionized ASTM Type II	<small>CAS 7732-18-5</small>	40 -70%	V/V	None Established

## 3. Hazards Identification

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

Emergency Overview:Warning! Causes irritation to skin, eyes and respiratory tract. Harmful if swallowed or inhaled.

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

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

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.
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 known methods for extinguishing  
recommended fire

Fire / Explosion Hazard

None Known

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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This Material is not considered hazardous. Store in a cool, dry place. Handle using safe laboratory practices.

## 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	~212° F (100° C)
VAPOR PRESSURE	Information not available
MELTING POINT	~30° F (-
VAPOR DENSITY	Information not available
EVAPORATION RATE	Information not available
Appearance /Odors	Clear odorless liquid
Flash Point	Information not available
Specific Gravity	1.10

Pressure Viable by

605

Air: Inhalation

Not applicable

Liquid Phase: Liquid in Air

Not applicable

Upper Phase: Liquid in Air

Not applicable

Solubility in Water

Soluble

## 10. Stability and reactivity

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### STABILITY

CONDITIONS TO AVOID

Temperature extremes

MATERIALS TO AVOID

Concentrated acids and bases

HAZARDOUS DECOMPOSITION PRODUCTS

Not known to occur

HAZARDOUS POLYMERIZATION not expected to 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: Not Regulated

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 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 NONE ALLOCATED

Poison Schedule:NONE ALLOCATED

## 16. Other information

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Overexposure symptoms. Acute:Warning: Causes irritation to skin, eyes and respiratory tract. May be harmful if swallowed or inhaled. Possible irritation of eyes/stomach. Chronic: None known. Conditions aggravated/Target organs: none known.

### Flammability

### Health

### Reactivity

### Revisions

7/28/2010

### NFPA

0.1 updated msds to 16 section from 10  
section msds. STN

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