



Emergency Phone: CHEMTREC 1-800-424-9300

For more Information Call:  
1-800-537-3407

# MATERIAL SAFETY DATA SHEET

## Product and Company Identification

Trade Name: MASCOSET-C  
Product Code: MS 1GSETC

Revised: April 08

Company: Masons Supply Company (MASCO)  
2637 SE 12th Avenue  
Portland, OR 97202

## N.F.P.A & H.M.I.S. RATING

### HAZARD INDEX

0 = Minimum  
1 = Slight  
2 = Moderate  
3 = Serious  
4 = Severe

### HAZARD CLASS

Health	1
Flammability	0
Reactivity	0
PPE	

## HAZARDOUS INGREDIENTS - IDENTIFY INFORMATION

Chemical Name: Calcium Dichloride CAS NUMBER: 10043-52-4

Synonyms/Common Names: Calcium Dichloride  
Chemical Formula: CaCl<sub>2</sub>  
DOT Information: Not Regulated

CAS NUMBER: 7732185 Name: Water  
Exposure Limits: PERCENTAGE  
PEL=Not Established VOL ND  
TLV=Not Established WT 60-80

COMMON NAMES:  
Listed On (List Legend Below)  
19 23

10043524 - Calcium Chloride (CaCl<sub>2</sub>)

### EXPOSURE LIMITS

PEL=Not Established  
TLV=Not Established

COMMON NAMES: Listed On (List Legend Below):  
19 23

Not listed as carcinogen - IARC, NTP, OSHA

### LIST LEGEND

19 PA REQUIREMENT - 3% OR GREATER

23 NJ REQUIREMENT - 1% OR GREATER

## PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 760mmHg: 115.5° C (240° F)  
VAPOR PRESSURE: 9mm @ 20C  
SOLUBILITY IN H<sub>2</sub>O % By WT: Infinite  
APPEARANCE AND ODOR: Clear to amber solution  
BULK DENSITY: 10.34 - 11.17 lb/gal

FREEZING POINT: ND  
SPECIFIC GRAVITY (H<sub>2</sub>O=1): 1.24 - 1.34  
VAPOR DENSITY (Air=1): NA  
pH: 8 @ 100 GM/L (Range 8-9)

## FIRE AND EXPLOSIVE DATA

Flash Point Method:	NA
Autoignition Temperature:	NA
Flammable Limits in Air, % by volume:	UPPER: NA LOWER: NA
Extinguishing Media:	Use agent suitable for surrounding fire.
Special Fire Fighting Procedures:	Wear appropriate protective equipment and approved respirator.
Unusual Fire and Explosion Hazard:	None known.

## REACTIVITY DATA

Conditions Contributing to Instability:	Under normal conditions the material is stable.
Incompatibility:	None known.
Hazardous Decomposition Products:	None.
Conditions Contributing to Hazardous Polymerizations:	Material is not known to polymerize.

## HEALTH HAZARD INFORMATION

### EMERGENCY AND FIRST AID PROCEDURES:

<b>EYES:</b>	Immediately flush eyes with a directed stream of water for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. GET MEDICAL ATTENTION.
<b>SKIN:</b>	Wash with soap & water. Wash clothing before reuse. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.
<b>INHALATION:</b>	If symptoms develop, get person out of contaminated area to fresh air.
<b>INGESTION:</b>	NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Have patient drink several glasses of water, then induce vomiting by having patient tickle back of throat with finger. Keep airway clear. GET MEDICAL ATTENTION IMMEDIATELY.

### ROUTES OF EXPOSURE:

<b>INHALATION:</b>	Inhalation of mist may cause irritation of the respiratory tract.
<b>SKIN:</b>	Exposure to mist or liquid may cause irritation to the skin.
<b>EYE CONTACT:</b>	Mist and liquid may cause irritation to the eyes.
<b>INGESTION:</b>	Indigestion may cause nausea, vomiting, and abdominal distress.

### EFFECTS OF OVEREXPOSURE:

<b>ACUTE:</b>	Inhalation of mist may cause irritation of respiratory tract. Skin or eye exposure to mist or liquid may cause irritation. Ingestion may cause abdominal distress.
<b>CHRONIC:</b>	No known chronic effects.
<b>TOXICOLOGY DATA:</b>	Acute oral LD50 (rat) 1000 mg/kg

## SPECIAL PROTECTION

**VENTILATION REQUIREMENTS:** Ventilation is not usually required for Calcium Chloride solutions. Avoid creation of mist or spray. If present, provide local exhaust systems and wear NIOSH/MSHA approved respiratory protection if airborne exposure is possible.

### SPECIAL PERSONAL PROTECTIVE EQUIPMENT (PPE)

<b>RESPIRATORY:</b>	Provide mist protection where applicable. Use NIOSH/MSHA approved respirators.
<b>EYE:</b>	Use chemical goggles and face shield where appropriate.
<b>GLOVES:</b>	Use impervious rubber, neoprene or vinyl gloves.
<b>OTHER CLOTHING AND EQUIPMENT:</b>	Eye wash and emergency shower should be in close proximity.

(Continued on next page...)

## HANDLING AND STORAGE

### HANDLING AND STORAGE PRECAUTIONS:

Store in a clean, dry area and keep containers or tanks covered to prevent contamination from foreign material.

## ENVIRONMENTAL PROCEDURES

### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Wear protective equipment. Contain spill by dike to prevent flow to sewer or streams. Pump into marked containers for reclamation or disposal. Soak up spills with absorbent material. If possible, clean up spill area without water and then flush with plenty of water.

### WASTE DISPOSAL METHOD:

Submit to an approved chemist disposal service for disposal in accordance with Federal, State and local regulations. **DO NOT FLUSH LARGE AMOUNTS TO SEWER.**

## ADDITIONAL INFORMATION

Calcium Chloride is not classified as a hazardous material under regulations of the Hazardous Materials Transportation Act. DOT labels, placarding and marking are not required.

The Food, Drug and Cosmetic ACT (FOA) designated Calcium Chloride as a "multiple-purpose GRAS food substance" (21 CFR 184.1193) and a General Purpose Food Additive (21 CFR 582-1193) when used in accordance with good manufacturing practice (21 CFR 184.1 (b) (1)).

OSHA Standard 29CFR 1910-1200 required that information be provided to employees regarding the hazards of chemicals by means of a hazardous communication program including labeling, material safety data sheets, training and access to written records. We request that you, and it is your legal duty to, make all information in this Material Safety Data Sheet available to your employees.

To aid our customers in complying with regulatory requirements, SARA Title III hazard categories for this product are indicated in Section I. If the word "YES" appears next to any category. This product may be reportable by you under the requirements of 40 CFR Part 370. Please consult those regulations for details.

## PREPARATION INFORMATION

For additional Non-Emergency health, safety or environmental information telephone (503)234-4321 or write to:

**MASONS SUPPLY COMPANY**  
**2637 SE 12TH AVENUE**  
**PORTLAND, OR 97203**

---

Although the information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof, Masons Supply Co. makes no representations as to the completeness of accuracy thereof. Information is supplied upon the condition of accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Masons Supply Co. be responsible for the damages of any nature whatsoever resulting from the use of or reliance upon information. No representations or warranties, either express or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers.

---