

Material Safety Data Sheet

Provided by:
DPC Industries, Inc. DX Distributors, Inc.
DPC Enterprises DX Systems Company
DXI Industries, Inc. DX Terminals

PO Box 24600
Houston, Tx 77229-4600
281-457-4888
888-647-7717
www.dxgroup.com

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name CALCIUM CHLORIDE

Synonyms

Chemical Name CALCIUM CHLORIDE

Emergency phone: 281-457-4888

Date of Issue: 10/1/00

Chemtrec: 800-424-9300

Revised Date: N/A

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

| COMPONENTS | PERCENT | CAS NO. |
|------------------|-----------|------------|
| CALCIUM CHLORIDE | 77% - 80% | 10043-52-4 |

SECTION 3 - HAZARDS IDENTIFICATION

Potential Health Effects

ACGIH - TLV: NOT ESTABLISHED

Eye Contact MAY CAUSE EYE IRRITATION AND POSSIBLE CORNEAL DAMAGE.

Skin Contact PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION.

Ingestion MAY CAUSE DIGESTIVE TRACT IRRITATION.

Inhalation DUST MAY BE SLIGHTLY IRRITATING TO RESPIRATORY TRACT.

Carcinogenicity: *NTP* NO *IARC* NO *OSHA* NO

SECTION 4 - FIRST AID PROCEDURES

Eye Contact: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.

Skin Contact: IMMEDIATELY REMOVE CONTAMINATED CLOTHING OR SHOES, WIPE EXCESS FROM SKIN AND FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. USE SOAP IF AVAILABLE OR FOLLOW BY WASHING WITH SOAP AND WATER. DO NOT REUSE CLOTHING UNTIL THOROUGHLY CLEANED. GET MEDICAL ATTENTION.

Inhalation: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION.

Ingestion: DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. IF CONSCIOUS, GIVE LARGE QUANTITIES OF WATER OR MILK AND GET IMMEDIATE MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON!

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point NOT APPLICABLE

Extinguishing Media USE MEDIA APPROPRIATE FOR SURROUNDING AREA.

**Special Firefighting
Procedures/Precuations**

WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. STAY UPWIND AND KEEP OUT OF LOW AREAS.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

For Spill: KEEP OUT OF SEWERS AND WATERWAYS. CONTAIN AND COLLECT IN CONTAINERS FOR DISPOSAL. FLUSH RESIDUE WITH WATER.

SECTION 7 - HANDLING AND STORAGE

Keep container tightly closed when not in use. Store in a cool, dry, well-ventilated area, away from heat and incompatible materials. Protect containers from physical damage.

PROTECT FROM MOISTURE.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

- Respiratory Protection** USE A NIOSH/MSHA APPROVED RESPIRATOR FOLLOWING MANUFACTURER'S RECOMMENDATIONS.
- Ventilation** LOCAL AND MECHANICAL RECOMMENDED.
- Protective Gloves** CHEMICAL IMPERVIOUS GLOVES.
- Eye/Face Protection** CHEMICAL SAFETY GOGGLES AND/OR FULL-FACE SHIELD.
- Other Protection** CHEMICAL RESISTANT CLOTHING SUCH AS COVERALLS/APRON, BOOTS, ETC.
- Work Practices** USE GOOD PERSONAL HYGIENE PRACTICES. WASH HANDS BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES. PROMPTLY REMOVE SOILED CLOTHING AND WASH THOROUGHLY BEFORE REUSE. SHOWER AFTER WORK USING PLENTY OF SOAP AND WATER.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- | | |
|---|--|
| Boiling Point (°F): NOT ESTABLISHED. | Vapor Pressure (mmHg): NOT APPLICABLE |
| Freezing Point (°F): NOT ESTABLISHED | Vapor Density (Air=1): NOT APPLICABLE |
| Solubility (H2O): SOLUBLE | Specific Gravity (H2O=1): 1.85 |
| pH 7 - 9 | Evaporation Rate: NOT DETERMINED |
- Appearance/Odor:** WHITE TO OFF-WHITE FLAKES/POWDER WITH NO APPRECIABLE ODOR.

SECTION 10 - STABILITY AND REACTIVITY

- Chemical Stability:** YES
- Incompatible Materials** SULFURIC ACID; WATER-REACTIVE MATERIALS CAUSES EXOTHERMIC REACTION. METHYL VINYL ETHER; HEAT GENERATED WHEN MIXED WWATER.
- Decomposition Products** NONE.
- Hazardous Polymerization:** WILL NOT OCCUR.

SECTION 11 - TOXICITY INFORMATION

LD50 SKIN (rabbit) = > 5000 mg/kg LD50 INGESTION (rat) = 967 - 1668 mg/kg

SECTION 12 - ECOLOGICAL INFORMATION

LC50 GREATER THAN 100 MG/L IN MOST SENSITIVE AQUATIC ORGANISMS. TLM96 = 1000 PPM (ANHY)

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSE OF WASTE MATERIALS ACCORDING TO ALL FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION 14 - TRANSPORT INFORMATION

USA DOT Shipping Name: NOT REGULATED.

Hazard Class:

UN/NA Number:

Packing Group:

Subsidiary Hazard

Marine Pollutant: NO

SECTION 15 - REGULATORY INFORMATION

CERCLA RQ (lbs): NOT APPLICABLE

SARA Title III Section 312:

Acute **Chronic** **Flammable** **Sudden Release of Pressure** **Reactive**

SARA Title III Section 313: No

SARA Extremely Hazardous Substance: No

HMIS HAZARD RATING

Health: 1 **Fire:** 0 **Reactivity:** 0

0 - Least 1 - Slight 2 - Moderate 3 - High 4 - Extreme

SECTION 16 - OTHER INFORMATION

EPA Pesticide Registration Number: NOT APPLICABLE

NSF Maximum Use Level for Potable Water (Standard 60): NOT APPLICABLE

TSCA (Toxic Substance Control Act), 40 CFR 710:

Sources of the raw materials used in this mixture assure that all chemical ingredients present are in compliance with Section 8(b) Chemical Substance Inventory, or are otherwise in compliance with TSCA.

DISCLAIMER

THE DATA PRESENTED IS TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF; HOWEVER, NEITHER SELLER NOR PREPARER MAKES ANY WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THE INFORMATION PRESENTED. THE USER IS CAUTIONED TO PERFORM HIS OWN HAZARD EVALUATION AND TO RELY UPON HIS OWN DETERMINATIONS.