

# MATERIAL SAFETY DATA SHEET

**PRODUCT NAME:** CALCIUM CHLORIDE  
**CHEMICAL FAMILY:** INORGANIC SALT  
**PHYSICAL HAZARD:** NONE  
**HEALTH HAZARD:** IRRITANT, EYE HAZARD  
**HAZARD RATINGS:** **HEALTH:** 2  
**FLAMMABILITY:** 0  
**REACTIVITY:** 0

**NUMBER:** DMN-38  
**REVISED:** 2/2/94

**DAMON INDUSTRIES, INC.**  
**BOX 2120, ALLIANCE, OH 44601**

**24 HOUR EMERGENCY ONLY PHONE:** 1-800-535-5053

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

**INFORMATION PHONES:** 1-800-362-9850  
OR 330-821-5310  
**FAX:** 330-821-6355

**D.O.T. HAZARD CLASS:** NOT CONSIDERED HAZARDOUS UNDER CFR 49

## SECTION 2 - HAZARDOUS INGREDIENTS

| <u>INGREDIENT</u> | <u>CAS NO.</u> | <u>PERCENT</u> | <u>TWA</u>                   | <u>STEL</u> | <u>CEILING</u> |
|-------------------|----------------|----------------|------------------------------|-------------|----------------|
| CALCIUM CHLORIDE  | 10043-52-4     | > 60%          | -<br>(OTHER LIMIT: 10 mg/m3) | -           | -              |

THE BALANCE OF INGREDIENTS ARE NOT CONSIDERED HAZARDOUS UNDER CFR 29 1910.1200.  
NONE OF THE INGREDIENTS ARE LISTED AS CARCINOGENS BY N.T.P., I.A.R.C. OR OSHA.

## SECTION 3 - PHYSICAL DATA

**BOILING POINT:** 388° F.  
**SPECIFIC GRAVITY:** 2.2  
**VAPOR PRESSURE:** 0.009 mmHg @ 68°  
**PERCENT VOLATILES:** 0%  
**VAPOR DENSITY:** NOT APPLICABLE  
**EVAPORATION RATE:** NOT APPLICABLE  
**SOLUBILITY IN WATER:** VERY SOLUBLE  
**pH:** NOT APPLICABLE  
**APPEARANCE AND ODOR:** WHITE SOLID PELLETS - ODORLESS.

## SECTION 4 - FIRE AND EXPLOSION DATA

**FLASH POINT:** NONE.  
**LOWER EXPLOSIVE LIMIT:** NOT APPLICABLE  
**UPPER EXPLOSIVE LIMIT:** NOT APPLICABLE  
**EXTINGUISHING MEDIA:** NOT APPLICABLE  
**SPECIAL FIRE FIGHTING PROCEDURES:** WEAR SELF-CONTAINED BREATHING APPARATUS.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** NONE.

## SECTION 5 - REACTIVITY DATA

**STABILITY:** STABLE  
**INCOMPATIBILITY:** NONE  
**HAZARDOUS DECOMPOSITION PRODUCTS:** NONE  
**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR.

## SECTION 6 - HEALTH HAZARD DATA

**THRESHOLD LIMIT VALUE (TLV):** NONE KNOWN  
(SEE INDIVIDUAL INGREDIENTS)  
**PRIMARY ROUTES OF ENTRY:**  
\_THROUGH SKIN \_INHALATION XINGESTION  
**EFFECTS OF OVEREXPOSURE:**  
**EYES** - MAY CAUSES MODERATE TO SEVERE EYE IRRITATION WITH CORNEAL INJURY, WHICH MAY BE SLOW TO HEAL.  
**SKIN** - PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION OR EVEN A BURN. MAY CAUSE MORE SEVERE RESPONSE IF SKIN IS DAMP OR ABRADED, OR IF MATERIAL IS CONFINED TO SKIN.  
**SWALLOWING** - MAY CAUSE GASTROINTESTINAL IRRITATION ULCERATION. SINGLE DOSE ORAL TOXICITY IS LOW.  
**BREATHING** - OF DUST MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT.

## FIRST AID PROCEDURES:

**EYE CONTACT:** FLUSH WITH WATER FOR AT LEAST 15 MINUTES, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION.  
**SKIN CONTACT:** WASH OFF IN FLOWING WATER OR SHOWER  
**INGESTION:** INDUCE VOMITING IMMEDIATELY BY GIVING TWO GLASSES OF WATER AND THEN STICKING FINGER DOWN THROAT. CALL A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH OR ATTEMPT TO INDUCE VOMITING IN AN UNCONSCIOUS PERSON.

**INHALATION:** MOVE PERSON TO FRESH AIR. IF IRRITATION PERSISTS GET MEDICAL ATTENTION.

## SECTION 7 - SPECIAL PRECAUTIONS

### SPILL/LEAK PROCEDURES

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

STORE IN A COOL DRY PLACE. PRODUCT ABSORBS MOISTURE FROM AIR. KEEP CONTAINERS TIGHTLY CLOSE.

GENERATES HEAT WHEN DISSOLVING IN WATER. DO NOT ADD TO HOT WATER TO AVOID SPATTERING.

EMPTY CONTAINERS RETAIN PRODUCT RESIDUE AND MAY BE HAZARDOUS. OBSERVE ALL PRECAUTIONS GIVEN IN THIS DATA SHEET.

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

SWEEP UP AND RETURN TO CONTAINER OR DISPOSE OF.

### WASTE DISPOSAL METHOD:

WASH AWAY WITH LARGE EXCESS OF WATER. KEEP OUT OF DRINKING WATER SOURCES. COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

## SECTION 8 - PROTECTIVE EQUIPMENT

**RESPIRATORY PROTECTION:** IF DUST MAY BE INHALED IN EXCESS OF TLV(S), AN OSHA APPROVED DUST RESPIRATOR SHOULD BE USED.

**VENTILATION:** NOT USUALLY REQUIRED DUE TO NATURE OF USE.

**PROTECTIVE GLOVES:** AVOID CONTACT. WEAR RESISTANT GLOVES SUCH AS: RUBBER.

**EYE PROTECTION:** IF EYE CONTACT IS POSSIBLE, WEARING SAFETY GLASSES WITH SIDE SHIELDS, ESPECIALLY FOR CONTACT LENS WEARERS, IS ADVISED.

**OTHER PROTECTIVE EQUIPMENT:** AVOID CONTACT WITH LEATHER CLOTHING OR SHOES. NO OTHER PROTECTION NORMALLY NEEDED.

## OTHER REGULATORY INFORMATION

THE COMPONENTS OF THIS PRODUCT ARE ON THE TSCA INVENTORY OF CHEMICAL SUBSTANCES.

THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.