

SECTION 1 - MANUFACTURER INFORMATION

MANUF/DIST : CHEM-POWER MFG DIV/ FOSTER & CO., INC
15 Wing Drive EMERGENCY PHONE.....: 973-267-4100
Cedar Knolls PREPARATION/REVISION DATE: 02/14/02
NJ 07927
PREPARER/CONTACT: Gary Adams, Chemist
LOCATION : Whs 1

TRADE NAME/SYNONYMS.,.: DE-ICE
CHEMICAL NAME/SYNONYMS: Ice Melt
CHEMICAL FAMILY.....: Inorganic Salt Mixture
FORMULA.....: Mixture
PRODUCT CODE.....: 17-22

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

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* HEALTH..... 1 *
* FLAMMABILITY.. 0 *
* REACTIVITY.... 1 *
* PROTECTION.... B *
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SECTION 2 - HAZARDOUS INGREDIENTS

THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS : YES

CHEMICAL/COMMON NAME	CAS-NUMBER	%	PEL-OSHA	TLV-ACGIH
Calcium Chloride (Pelletized)	10043-52-4	>90%	N/A	N/A
Sodium Chloride	7647-14-5	1-2%	N/A	N/A
Potassium Chloride	7447-40-7	2-3%	N/A	N/A
Strontium Chloride	10476-85-4	1%	N/A	N/A
Water	7732-18-5	BAL	N/A	N/A

THIS PRODUCT CONTAINS CARCINOGENS (NTP, IARC, or OSHA):NO

CHEMICAL/COMMON NAME	CAS-NUMBER	%	NTP	IARC	OSHA
N/A	N/A	N/A	N/A	N/A	N/A

SECTION 3 - HEALTH HAZARD DATA

HEALTH EFFECTS (Acute And Chronic)-
INHALATION: Vapors are unlikely due to physical properties. Dust may cause irritation to upper respiratory tract.
SKIN ABSORPTION: A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts. The LD50 for skin absorption in rabbits is >5000 mg/kg.
EYE: May cause moderate to severe eye irritation with corneal injury, which

may be slow to heal.

SKIN CONTACT: Short single exposure not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation, even a burn. May cause more severe response if skin is damp and/or abraded, or if material is confined to skin.

INGESTION: Single dose oral toxicity is low. The oral LD50 for rats is 1090-1668 mg/kg. Ingestion may cause gastrointestinal irritation or ulceration.

SYSTEMIC & OTHER EFFECTS: Results of in vitro mutagenicity tests have been negative for Calcium Chloride.

PRIMARY ROUTES OF ENTRY-
Eyes, Skin, Inhalation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-
N/I

EMERGENCY FIRST AID PROCEDURES-

EYES: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

SKIN: Wash off in flowing water or shower.

INGESTION: If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Call a physician. (Never give anything by mouth or attempt to induce vomiting in an unconscious person.)

INHALATION: Remove to fresh air if effects occur. Consult a physician.

NOTE TO PHYSICIAN: If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

SECTION 4 - CHEMICAL DATA

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BOILING POINT (F).....: 388F	SPECIFIC GRAVITY (WATER=1).....: 2.24
VAPOR PRESSURE (mmHg): .009mm	PERCENT VOLATILE BY VOLUME (%): N/A
VAPOR DENSITY (AIR=1): N/A	EVAPORATION RATE (N/A =1): N/A

SOLUBILITY IN WATER-
To 40% Solution.

APPEARANCE AND ODOR INFORMATION-
Small white pellets, no odor.

SECTION 5 - PHYSICAL HAZARD DATA

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FLASH POINT (Method Used): None. FLAMMABLE LIMITS : Lel=N/A UEL=N/A

EXTINGUISHING MEDIA-
Not combustible.

SPECIAL FIRE FIGHTING PROCEDURES-
Wear positive pressure self-contained breathing apparatus.

OTHER PROTECTIVE EQUIPMENT-
Safety goggles, long sleeves.

OTHER ENGINEERING CONTROLS-
N/I

WORK PRACTICES-

For brief contact, no precautions other than clean body-covering clothing should be needed. Use protective clothing impervious to this material. Selection of specific items such as gloves, boots, apron, or full-body suit will depend on operation. If skin comes in contact immediately, wash skin area with soap and water, and launder clothing before reuse.

HYGIENIC PRACTICES-
N/I

SECTION 8 - SPECIAL PRECAUTIONS
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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-

Avoid eye and prolonged skin contact. Always use cool water (temperature less than **80F**, 27C) when dissolving Calcium Chloride. Heat developed by solutions is very high during dissolving and mixing. When exposed to the atmosphere, Calcium Chloride will pick up water and form a solution. Leather clothing and shoes will be damaged by Calcium Chloride. Store in a dry place. Keep all containers closed when not in use. Wash and dry utensils used for handling or a coating may develop.

MAINTENANCE PRECAUTIONS-
N/A

OTHER PRECAUTIONS-

Do, not wear contact lenses. Do not touch eyes/face with contaminated gloves or clothes. **KEEP OUT OF REACH OF CHILDREN!**

ADDITIONAL COMMENTS:

Shipping Class 55.