



THE CFS COMPANIES



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Identification: Zap **Date Prepared:** 07/11/2008
Company Identification: CFS Specialties, Inc. **Date Updated:** 02/10/2015
300 State Hwy 27
Cashton WI 54619
Contact Information: Phone: (608) 654-5123, Fax: (608) 654-5696
Email: organic@cfspecial.com
In case of emergency dial 911, see additional information in section 6
Product Use: Sidewalk Deicer

SECTION 2: HAZARD IDENTIFICATION

Appearance and Odor: White Crystalline or Granulated Solid – mild odor

Signal Word: Warning

Potential Health Effects:

- **Inhalation:** Over exposure to dust may produce irritation of the mucous membranes.
- **Skin Contact:** May cause irritations, particular on damp skin.
- **Eye Contact:** May cause eye irritation.
- **Ingestion:** Negligible risk unless in large quantities.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

MATERIALS	CAS#	OSHA-PEL	ACGLH-TLV#
NaCl – Sodium Chloride	007647-14-5	N/A	N/A
CaCl – Calcium Chloride	010043-52-4	N/A	N/A
MgCl- Magnesium Chloride		N/A	N/A
KCl- Potassium Chloride	000057-13-6	N/A	N/A

SECTION 4: FIRST-AID MEASURES

Emergency and First Aid Procedure:

- **Inhalation:** Remove from exposure. Seek medical aid if condition persists.
- **Skin Contact:** Wash thoroughly with soap and water. Seek medical aid if condition persists.
- **Eye Contact:** Flush immediately with large amounts of water, lifting the lower and upper lids occasionally. Seek medical help if condition persists.
- **Ingestion:** Give 1 – 2 large glasses of water or milk. Seek medical aid if condition persists. Do not induce vomiting unless directed to by medical personnel.

SECTION 5: FIRE FIGHTING MEASURES

Fire and Explosion Hazard Data

- **Fire Extinguishing Media:** Considered non-combustible.
- **Special Fire Fighting Procedures:** N/A
- **Unusual Fire and Explosion Hazards:** None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures:

- **Suggested Local Action:** Contain spill, prevent large quantities from contacting vegetation or domestic and natural water sources. If material is not contaminated, place in appropriate containers for disposal.
- **Waste Disposal Method:** (EPA Waste Identification #: N/A) If contaminated with other materials, the nature and extent of contamination may require the use of specialized disposal methods. If disposal is necessary, comply with all local, state, and federal regulations. Contact your local EPA office for help.
- **For Hazardous Waste Regulation:** call 800-424-9346 (RCRA Hotline)
- **National Capital Poison Center:** call 800-222-1222 (NCPC)

SECTION 7: HANDLING AND STORAGE

Precaution to be taken in handling and storage: Store in a cool, dry location, remote from strong acids.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

RECOMMENDED OCCUPATIONAL EXPOSURE LIMITS

- **TLV** See Section 3, 10 MG/M3 as nuisance dust.

SPECIAL PROTECTION INFORMATION

- **Respiratory:** Use respiratory protection in dusty situations.
- **Skin:** None normally required. Gloves recommended.
- **Eyes:** Safety glasses or goggles.
- **Ventilation:** Local exhaust ventilation should be used to control worker exposure to below recommended Permissible Exposure Levels (PEL).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance White Crystalline or Granulated Solid

Flammable Limits: N/A

Odor: Mild odor

Vapor Pressure: N/A

Odor Threshold

Vapor Density: N/A

pH: 6-8

Relative Density: 40 – 70 lb/ft

Melting Point: 1423°F

Freezing Point: N/A

Boiling Point: 2732°F

Solubility in Water: 100%

Flash Point: N/A

Evaporation Rate: N/A

Flammability: N/A

Partial coefficient: N/A

Auto-ignition Temperature: N/A

Decomposition Temperature: N/A

Viscosity: N/A

SECTION 10: STABILITY AND REACTIVITY

- **Stability:** Stable
- **Incompatibility:** Avoid contact with strong acids. Mildly corrosive to metals in the presence of moisture.
- **Hazardous Polymerization:** N/A
- **Hazardous Decomposition or By-Products:** None

SECTION 11: TOXICOLOGICAL INFORMATION

Information Not Available

SECTION 12: ECOLOGICAL INFORMATION (non-mandatory)

SECTION 13: Disposal Considerations (non-mandatory)

SECTION 14: Transport Information (non-mandatory)

SECTION 15: Regulatory Information (non-mandatory)

SECTION 16: OTHER INFORMATION

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