

Material Safety Data Sheet



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Section 1. Chemical Product and Company Identification

Product name ANTARCTICA WITH CMA
Product use Ice Melt Compound
Product code N628
Date of issue 09/15/09 **Supersedes**

Emergency Telephone Numbers

For MSDS Information:

Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency

(877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency

CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared By

Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

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Section 2. Hazards Identification

Emergency overview

CAUTION!

CAUSES EYE IRRITATION.

HARMFUL IF SWALLOWED.

*Hazard Determination System (HDS): Health, Flammability, Reactivity



NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Eye contact Skin contact

Eyes

May cause eye irritation. Inflammation of the eye is characterized by redness, watering and itching.

Skin

May cause slight irritation in sensitive individuals.

Inhalation

No known acute effects of this product resulting from inhalation.

Ingestion

May cause sore throat and abdominal pain.

Chronic effects

There is no known chronic effect after exposure to this product.

Carcinogenicity

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Product/ingredient name

ACGIH

IARC

EPA

NIOSH

NTP

OSHA

None.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients

CAS number

% by Weight

CALCIUM CHLORIDE ANHYDROUS BEADS; calcium chloride

10043-52-4

Section 4. First Aid Measures

Eye Contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

Skin Contact

Flush affected skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Inhalation

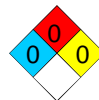
Move exposed person to fresh air. Get medical attention if adverse health effects persist or are severe.

Ingestion

Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Get medical attention.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



Flash Point	None.
Flammable Limits	Not available.
Flammability	Non-combustible.
Fire hazard	No specific fire or explosion hazard.
Fire-Fighting Procedures	Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental Release Measures

Spill Clean up	Put on appropriate personal protective equipment (see section 8). Vacuum or sweep up material and place in a designated, labeled waste container.
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Section 7. Handling and Storage

Handling	Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes, skin and clothing. Avoid breathing dust. Wash thoroughly after handling. Wash contaminated clothing before reusing. Keep out of the reach of children.
Storage	Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C).

Section 8. Exposure Controls/Personal Protection**Product name**

CALCIUM CHLORIDE ANHYDROUS BEADS; calcium chloride

Exposure limits**OSHA PEL (United States).**TWA: 15 mg/m³ 8 hour(s). Form: Total dustTWA: 5 mg/m³ 8 hour(s). Form: Respirable dust**ACGIH TLV (United States).**TWA: 10 mg/m³ 8 hour(s). Form: Total dust**Personal Protective Equipment (PPE)**

Eyes	Recommended: Safety glasses.
Body	Recommended: Rubber gloves.
Respiratory	No respiratory protection needed under normal use conditions.

**Section 9. Physical and Chemical Properties**

Physical State	Granular solid.	Color	Green.
pH	7.2	Odor	None.
Boiling Point	Not applicable.	Vapor Pressure	Not applicable.
Specific Gravity	Not available.	Vapor Density	Not applicable.
Solubility	Easily soluble in the following materials: cold water and hot water.	Evaporation Rate	Not applicable.
		VOC (Consumer)	0 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Incompatible with some strong acids, oxidizing agents.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Calcium Chloride Anhydrous Beads	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	967 mg/kg	-

Section 12. Ecological Information

Environmental Effects No known significant effects or critical hazards.

Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Code: - (None.)
Classification: - (Non-hazardous waste)

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	Not a DOT controlled material (United States).	Not regulated.			

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations

California Prop 65 No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.