

Blast Off

MATERIAL SAFETY DATA SHEET

Date: June 1, 2009

SECTION I: MATERIAL IDENTIFICATION

Trade Name: Blast off Ice & Snow Melt

Manufacturer: Climate Rx 6240 E Commerce Loop ID 83854

In Case of Emergency Call: Chemtrec 1-800-424-9300

SECTION II: INGREDIENTS AND HAZARDS

Ingredient Name/Exposure Limits	%	CAS Number
Sodium Chloride/3000-8000 mg/kg	90% +/-	7647-14-5
Calcium Chloride/1000 mg/kg	10% +/-	7786-30-3

SECTION III: PHYSICAL DATA

Appearance & Odor:	Blue Granular solid, odorless.
Boiling Point:	1465 °C
Melting Point:	Solid @ 25°C.
Evaporation Rate:	NA.
Vapor Pressure:	Not determined.
Vapor Density:	2.165 g/cm ³
Specific Gravity:	NA.
pH (10% solution):	8-9 ± 0.5.
Solubility in Water:	59.5 g/100mL (0°C)

SECTION IV: FIRE AND EXPLOSION DATA

Flashpoint:	Non-Flammable
Explosive Limits:	LEL: N/D UEL: N/D
Extinguishing Media:	Dry Chemical, Carbon Dioxide, Alcohol resistant foam, or water fog/spray.
Unusual Fire or Explosion Hazards:	None Known.
Special Fire Fighting Procedures:	Use a self-contained breathing apparatus.

SECTION V: REACTIVITY DATA

Chemical Stability:	Stable; hazardous polymerization will not occur.
Chemical Incompatibilities:	Humidity will increase possibility of caking.
Hazardous Decomposition Products:	None.
Special Precautions:	Calcium Chloride is an irritant, particularly on moist skin.

SECTION VI: HEALTH HAZARD INFORMATION AND FIRST AID

Carcinogenicity:	This product is not considered to be a carcinogen.
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Primary routes of exposure:

Ingestion, inhalation, eye contact, and dermal contact.

Signs and symptoms of overexposure

Eyes:

Irritation.

Dermal:

Irritation, drying of skin.

Inhalation:

Irritation of nasal passages.

Ingestion:

Any amount ingested should be treated as an overexposure.

First Aid for treatment of overexposure

Eyes:

Flush eyes with copious amounts of water; see a physician.

Dermal:

Wash with mild soap and water.

Inhalation:

Move to fresh air.

Ingestion:

Do not induce vomiting. Rinse mouth with water. **Contact physician immediately.** Never give anything by mouth if victim is unconscious, rapidly losing consciousness, or is convulsing and contact emergency medical services.

SECTION VII: SPILL, LEAK AND DISPOSAL PROCEDURES

Spill or Leak Procedure:

Sweep up.

Disposal:

Always dispose of hazardous waste in accordance with all local, state, and federal regulations. Material collected with absorbent may be disposed in a permitted landfill in accordance with federal, state, and local regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Personal Protective Equipment

Eye Protection:

If conditions warrant, goggles.

Protective Clothing:

If conditions warrant, gloves.

Respiratory Protection:

If conditions warrant, use NIOSH approved respirator.

Other:

If situation requires large volume usage where clothing can become inundated; use chemical apron.

Workspace Equipment

Ventilation:

General mechanical ventilation if indoors.

Safety:

Emergency eye wash station.

SECTION IX: SPECIAL PRECAUTIONS

Storage: Store original containers in a cool dry place.

Precautions: Avoid direct contact with skin, eyes, and mucous membranes.

Directions: Apply very liberally to cover Ice build up. Reapply when necessary. Recommended use, 4 oz per square yard of area to be treated. All ice melts tend to increase the number of freeze thaw cycles, do not over apply product.