

# 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	CAS Number
Sodium Chloride	7647-14-5
Calcium Chloride	10043-52-4

### 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.

#### Primary routes of exposure:

#### Signs and symptoms of overexposure

**Eyes:**  
**Dermal:**  
**Inhalation:**  
**Ingestion:**

#### 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.