

# Material Safety Data Sheet

## Section I

Manufacturing Name: International Salt Company  
Address: 655 Northern Boulevard, Clarks Summit, PA 18411  
**Trade Name: Blizzard Wizard**  
Chemical Family: Inorganic Salts (alkali metals - halogen)

## Section II - Hazardous Ingredients - NONE

CAS Registration Numbers - Contains Sodium Chloride (7646-14-5), Magnesium Chloride (7786-30-3) and Ice Ban® (50-21-5)

## Section III - Physical Data

Boiling Point - NA  
Vapor Pressure - NA  
Vapor Density - NA  
Solubility in Water - Very soluble  
Appearance & Odor - Solid white to off-white crystalline material is odorless

Specific Gravity - H2O-1) - 2.1  
% Volatile (by volume) NA  
Evaporation Rate - NA

## Section IV - Fire & Explosion Hazard Data

Flash Point - None  
Flammable Limits - Not Flammable  
Special/Unusual Fire Fighting Procedures/Hazards - NONE/Not Combustible  
National Fire Protection Association Code - 000

Extinguishing Media - NA  
Explosive Limits - Not Explosive

## Section V - Health Hazard Data

Threshold Limit Values - NA  
Effects of Overdose or Overexposure - Eye: May cause moderate to severe irritation with corneal injury which may be slow to heal. Skin: 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 the skin. When dissolving, the heat produced may cause more intense effects as well as thermal burns. A single prolonged exposure is not likely to result in the material being absorbed through the skin in harmful amounts. Ingestion: Single dose oral toxicity is low. Ingestion may cause gastrointestinal irritation or ulceration effects. Inhalation: Vapors are unlikely due to physical properties. Dust may cause irritation to the upper respiratory tract. The components of this product are not listed by IARC, NTP or OSHA as a carcinogen for hazard communication purposes.  
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.  
Medical Conditions Aggravated by Exposure - NA  
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 the reactions of the patient.

## Section VI - Reactivity Data

Stability - Decomposes > 350 F  
Hazardous Decomposition Products - NA  
Conditions to Avoid - Calcium chloride will: corrode most metals exposed to air; react with sulfuric acid to form hydrogen chloride, which is corrosive, irritating and reactive; give an exothermic reaction with water reactive materials such as sodium; result in runaway polymerization with methyl vinyl ether; and release ammoniacal vapors when mixed with some ammonium compounds.

## Section VII - Spills or Leaks Procedures

Steps to be taken in case of spills or leak - Non-hazardous  
Waste Disposal Methods - Dry to land fill or dissolve in sufficient amounts of water to meet local existing water quality standards.

DOT classification - Non-corrosive  
Sweep up and flush with water

## Section VIII - Special Protection & Precautions

Ventilation - Local exhaust or mechanical control dust collection may be used to control airborne levels below the exposure guideline of 10 mg/m3 (IHG).  
Personal Protective Equipment - Gloves and eye goggles recommended and respirator optional. Wash hands after handling.  
Precautions (Handling/Storage) - Store under DRY conditions to prevent CAKING. Store on pallets under protective cover. Do not store bags directly on damp or concrete floors.

Updated: 04/20/09