

**MATERIAL SAFETY DATA SHEET (MSDS)
BLIZZARD WIZARD**

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name:	Blizzard Wizard		
Chemical Family:	Inorganic Salts (alkali metals – halogens)		
Company:	Chemical Solutions, Inc./MeltSnow.com		
Address:	P. O. Box 675 Franklin, MA 02038-0675	Contact:	Customer Service Phone: (508) 520-3900
Date Issued:	01/02/1999		
Date Revised:	03/04/2010		

SECTION 2 – COMPOSITION AND INGREDIENT INFORMATION

Composition:	CAS #	%
Sodium chloride	7647-14-5	<95.00%
Magnesium chloride (Ice-B-Gone II)	7786-30-3	0.54%
Molasses (Ice-B-Gone II)	68476-78-8	0.45%
Water (Ice-B-Gone II)	7732-18-5	1.50%
Inert materials	N/A	Balance

SECTION 3 – HAZARDS INFORMATION – HEALTH

Inhalation:	Dust may cause mild irritation of mucous membranes, nose, throat and upper respiratory tract.
Ingestion:	Single dose oral toxicity is low. Ingestion may cause gastrointestinal irritation or ulceration effects.
Skin:	Short single exposure not likely to cause significant skin irritation.
Eyes:	Dust may cause irritation. May cause moderate to severe irritation with corneal injury which may be slow to heal.
Chronic Effects:	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.
Special remarks:	When dissolving, the heat produced may cause more intense effects as well as thermal burns.
Permissible Concentration:	Air: None established Biological: No TLV established Unusual Chronic Toxicity: None

SECTION 4 – FIRST AID MEASURES

Emergency Phone #: (800) 424 – 9300 (toll free)	
Skin:	Wash off in flowing clean water or shower.
Eyes:	Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.
Inhalation:	If symptoms develop, move to fresh air. Obtain medical attention if irritation continues.
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.). Remove any particles from mouth, rinse with water, then drink one or two glasses of water. Obtain medical attention. Do not attempt to treat if patient is unconscious or is convulsing.

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 reaction of patient.

SECTION 5 – HAZARDS INFORMATION – FIRE FIGHTING MEASURES

Flash Point: No
Auto ignition Temp: N/A
Fire Extinguishing Media: Treat for surrounding materials.
NFPA Code: 000
Explosive Limits: Not explosive
Special Remarks on Fire Hazards: When heated to decomposition, it emits toxic fumes.
Flammable Properties: Not flammable by WHMIS/OSHA criteria.
Special Instructions: Store in cool, dry area. Becomes hygroscopic at 75% relative humidity.
Protection of Firefighters: Firefighters should wear full protective clothing including self-contained breathing apparatus.

SECTION 6 – PRECAUTIONS AND ACCIDENTAL RELEASE MEASURES

Spill or Leak: Contain spills to prevent contamination of water supply or sanitary sewer system. Sweep/vacuum up dry material into container for proper disposal. Surface area may then be flushed with water, disposing of the runoff according to local ordinances.
Avoid: Avoid raising dust.

SECTION 7 – HANDLING AND STORAGE

Ventilation: Local exhaust if dusty conditions prevail.
Normal Handling: Avoid eye contact or prolonged skin contact.
Storage: Wet/ damp conditions can cause caking or corrosion of metal contact surfaces. Store under DRY conditions to prevent CAKING. Store pallets under protective cover. Do not store bags directly on damp or concrete floors.

SECTION 8 – EXPOSURE CONTROLS/ PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: When required, use a respirator approved by NIOSH for product dust.
Eyes and Face: Chemical safety goggles are recommended.
Arms and Body: Protective clothing in dusty areas may be worn, such as long-sleeved shirts and trousers for routine product handling.
Hands: Gloves are recommended. Wash hands after handling.
ACGIH-TLV: Not established.
OSHA-PEL : Not established.
The components of this product are not listed by IARC, NTP or OSHA as a carcinogen for hazard communication purposes.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance: Crystalline solid
Color: Brown, or light brown to grey
Odor: Slight sweet molasses odor
Boiling Point: N/A

Specific Gravity (H₂O = 1):	2.1
Vapor Pressure:	N/A
Solubility in Water:	Very soluble
pH: (20% Solution):	6.5 – 9.5
Vapor Pressure:	N/A
Vapor Density:	N/A

SECTION 10 – REACTIVITY DATA

Stability:	Decomposes >350°F
Conditions to avoid:	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; releasing ammoniacal vapors when mixed with some ammonium compounds,
Decomposition products:	May evolve chlorine gas when in contact with strong acids.

SECTION 11 – TOXICOLOGICAL INFORMATION

LC₅₀:	>21000 mg/m ³ rat
Oral LD₅₀:	3000mg/kg rat
Not classified or listed by IARC, NTP, OSHA OR ACGIH for sensitization, chronic effects, carcinogenicity, mutagenicity, reproductive effects, or teratogenicity.	

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:	May be harmful to freshwater aquatic species and plants that are not tolerant to inorganic salts.
Environmental Effects:	Not available
Aquatic Toxicity:	Not available
Persistence/ degradability:	Not available
Bioaccumulation/ accumulation:	Not available

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Instructions:	Waste must be disposed of in a manner that meets federal, state, and local environmental control regulations.
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SECTION 14 – TRANSPORT INFORMATION

Department of Transportation (DOT):	Not regulated as dangerous goods.
Transportation of Dangerous Goods (TDG):	Not regulated as dangerous goods.

SECTION 15 – REGULATORY INFORMATION

U.S. Federal Regulations:	This product is not known to be a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
CERCLA Reportable Quantity (Superfund)	All components are on the U.S. EPA TSCA Inventory List. None
OSHA Status:	Not listed

TSCA Status:	Not controlled
WHMIS Status:	Not controlled
RCRA Status:	Not listed

SECTION 16 – ADDITIONAL INFORMATION

This product is not for food or drug use.

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