




MATERIAL SAFETY DATA SHEET

SECTION 1 — PRODUCT IDENTIFICATION

Product Identifier:	Easy Ice Melt (20-23% Chlorides)
Synonyms:	Liquid Brine Anti-cier/ De Icer
Product Use:	Ice control for roadways surfaces
Product Restrictions:	None known

SECTION 2 — HAZARDS IDENTIFICATION – POTENTIAL HEALTH EFFECTS

Classification:	Not classified
Label Elements	
Hazard Pictograms:	
Signal Word:	Warning
Hazard Statements:	Does not meet the criteria for classification
Precautionary Statements	
Route of Entry:	Ingestion, Skin/eye contact, Inhalation
Human Effects/ Symptoms:	Irritation, Respiratory Tract
Chronic Inhalation:	Unknown, No information found for chronic system effects
Acute Skin Contact:	Large, Irritation
Chronic Skin Contact:	Unknown, No information found for chronic system effects
Acute Eye Contact:	Irritation, Burning/tears, Salt concentration greater than normal
Chronic Eye Contact:	Unknown, No information found for chronic system effects
Acute Ingestion:	Large amounts could include nausea/vomiting/diarrhea, dehydration/brain damage, death/high, contact doctor, drink large quantity of milk or water
Acute Ingestion:	Small Amounts, less than few grams not harmful
Chronic Ingestion:	Unknown, No information found for chronic system effects

SECTION 2 — HAZARDS IDENTIFICATION – POTENTIAL HEALTH EFFECTS CARCINOGENICITY

NTP / IARC / OSHA:	Not Listed as carcinogen or mutagen
Extended Exposure:	Ingestion may result in hypertension
HMIS:	Health - 1, Flammability - 0, Physical Hazard - 0, Personal Protection - A

SECTION 3 — CHEMICAL COMPOSITION INFORMATION ON INGREDIENTS

Chemical Ingredients	%
Sodium Chloride (NaCl ₂)	15-18%
Calcium Chloride (CaCl ₂)	5-8%
Water (H ₂ O)	Bal.

SECTION 4 — FIRST AID MEASURES

Eye Contact:	Remove contact lenses if possible and flush with freshwater 15 minutes
Skin Contact:	Remove contaminated clothing and shoes. Wash immediately with soap and water. Seek medical attention if symptoms develop or persist.
Inhalation:	Move the person to non-contaminated air. Seek immediate attention if a person is unconscious or not breathing or other conditions persist.
Ingestion:	Drink large amounts of water. If gastrointestinal irritation develops, consult medical personnel. Do not induce vomiting without medical advice.

SECTION 5 — FIRE AND EXPLOSION DATA AND FIREFIGHTING MEASURES

Extinguishing Media	
Suitable extinguishing media:	Not Applicable – Non Flammable
Unsuitable extinguishing media:	Not Applicable – Non Flammable
Special hazards arising from the substance or mixture	
Fire/explosion hazard:	This product is not flammable or combustible
Reactivity:	Stable
Advice for firefighters:	Use standard firefighting procedures and consider the hazards of other involved materials

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	
General measures:	Contain spills to prevent contamination of water supply or dispose of in a manner compliant with federal state and local regulations. Wipe up with rags. Vacuum or sweep into containers for proper disposal.
Protective equipment:	Use appropriate personal protection equipment (PPE) – See Section 8.
Emergency procedures:	Contain spill. See general measures above.
Environmental precautions:	Avoid entry to sewers and public waters

SECTION 7 — HANDLING AND STORAGE

Avoid skin and eye contact. Use proper protective equipment and good industrial hygiene practices. Store in a closed container away from incompatible materials. Store in a cool, dry place.	
Storage Temperature:	Ambient, Freeze point of -15°F and lower
Special Sensitivity:	Avoid Contact with Strong Acids
Handling/Storage Precautions:	Use corrosion-resistant acid containers. Recommend storage in poly tanks. Inspected Periodically for leaks in the area. Mildly corrosive to metals including aluminum.

SECTION 8 — EXPOSURE CONTROL PERSONAL PROTECTION

Appropriate engineering controls:	Sufficient Ventilation – general mechanical
Waste Disposal:	Wipe with rags after rinsing. Non-hazardous disposal.
Personal Protection	
Eye protection:	Safety glasses/chemical goggles, eye wash fountain
Hand protection:	Water-proof gloves, as required
Skin/body protection:	Wear appropriate clothing
Respiratory protection:	None Required, maintain proper ventilation
Thermal hazard protection:	None Required
Other protection:	Wash hands after handling and before eating, drinking and/or smoking.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance/Color:	Clear
Odor:	Faintly sweet
Odor threshold:	No data available
Flammability:	Non Flammable
Means of Extinction:	Non Flammable
Flashpoint (°C) and Method:	Non Flammable
Upper/Lower Flammable Limit:	Non Flammable
Auto Ignition Temperature (°C):	None
Explosion Data – Sensitivity to Impact/Static Discharge:	None
Hazardous Combustion Products:	None
Solubility:	Highly soluble in water
Freezing Point:	-21 Celsius or lower

SECTION 10 — STABILITY AND REACTIVITY INFORMATION

Reactivity:	Stable
Chemical Stability:	Stable
Incompatibilities:	Avoid contact with strong acids. Mildly Corrosive to some metal including aluminum

SECTION 11 — TOXICOLOGICAL PROPERTIES

Route of Entry:	Eye Contact		
Effects of Acute Exposure to Product:	Mild eye irritation, No acute local toxicity, No other adverse effects have been described		
Effects of Chronic Exposure to Product:	None determined		
Exposure Limits			
Irritancy:	Yes, to eyes	Carcinogenicity:	None
Sensitization:	None	Teratogenicity:	None
Reproductive Toxicity:	None	Synergistic Products:	None
Mutagenicity:	None		