

MATERIAL SAFETY DATA SHEET

KICK ICE™



Revision Date: 10/15/11

MANUFACTURER/DISTRIBUTOR:

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Commercial Name: **Kick Ice Pro Deicer**

Formula: Complex Chloride Proprietary Blend

Health	1
Fire	0
Reactivity	0
Personal Protection	

Description

Description	CAS Number	Concentration	Purpose
Sodium Chloride	7647-14-5	91-99%	Deicer
Potassium Chloride	7447-40-7	0-4%	Deicer
Magnesium Chloride with Proprietary Additive	7791-18-6	0.5%	Deicer
Complex Corn Based Carbohydrate	N/A	0-4%	Deicer
Proprietary Colorant	2650-18-2	.005%	Colorant

ROUTES OF ENTRY: Eye Contact, Skin Contact, Inhalation, Ingestion

ACUTE EYE CONTACT: Irritation with burning and tearing.

CHRONIC EYE CONTACT: No applicable information located for chronic systemic effects.

ACUTE SKIN CONTACT: Large amounts can cause irritation and if applied to damaged skin, absorption can occur with effects similar to those via ingestion.

CHRONIC SKIN CONTACT: No applicable information located for chronic systemic effects.

ACUTE INHALATION: Irritation of the respiratory tract.

CHRONIC INHALATION: No applicable information found for chronic systemic effects.

ACUTE INGESTION: Intake of large amounts has generally occurred for deliberate reasons: suicide, absorption, and to induce vomiting. The following effects were observed; nausea and vomiting, diarrhea, cramps, restlessness, irritability, dehydration, water retention, nose bleed, gastrointestinal tract damage, fever, sweating, sunken eyes, high blood pressure, muscle weakness, dry mouth and nose, shock, cerebral (fluid on brain) or pulmonary edema (fluid in lungs), blood cell shrinkage, and brain damage (due to dehydration of brain cells). Death is generally due to cardiovascular collapse or CNS damage. Less than a few grams would not be harmful. For larger quantities, drink large amounts of water or milk.

CHRONIC INGESTION: No applicable information found for chronic systemic effects.

CARCINOGENICITY: *NTP*: Not listed as a carcinogen or mutagen. *IARC*: Not listed as a carcinogen or mutagen.
OSHA: Not listed as a carcinogen or mutagen.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: In some cases of confirmed hypertension, ingestion may result in elevated blood pressure.

SECTION IV: FIRST AID MEASURES

FIRST AID FOR EYES: For eye contact, flush with water immediately, lifting eyelids occasionally.

FIRST AID FOR SKIN: Remove clothing from affected area. Wash skin thoroughly. Rinse carefully.

FIRST AID FOR INHALATION: If person breathes large quantities, remove to fresh air at once. If breathing stops, apply artificial respiration immediately.

FIRST AID FOR INGESTION: Less than a few grams would not be harmful. For larger quantities, drink large amounts of water or milk.

SECTION V: FIRE AND MEASURES

FLASH POINT: N/A

EXTINGUISHING MEDIA: This product is nonflammable

SPECIAL FIRE FIGHTING PROCEDURES: N/A

SECTION VI: ACCIDENTAL RELEASE MEASURES

SPILL OF LEAK PROCEDURES: Contain spills to prevent contamination of water supply or sanitary sewer system. Vacuum or sweep into containers for proper disposal. Dispose in accordance with federal, state, or local regulations.

SECTION VII: HANDLING AND STORAGE

STORAGE TEMPERATURE: Avoid humid or wet conditions as product will cake and become hard.

SPECIAL SENSITIVITY: Avoid contact with strong acids. Corrosive to metals when wet.

HANDLING AND STORAGE PRECAUTIONS: Becomes hygroscopic at 70% relative humidity.

SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE PROTECTION REQUIREMENTS: Eye Goggles / Safety Glasses.

SKIN PROTECTION REQUIREMENTS: Protective clothing and rubber gloves recommended.

RESPIRATORY/VENTILATION REQUIREMENTS: NIOSH/MSHA approved respirator for particulates.

EXPOSURE LIMITS: Not listed.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM: Blue Crystalline Solid with Slight Halogen Odor.
COLOR: Blue Crystalline Solid
ODOR: Halogen Odor
BOILING POINT: (760mm Hg) (°C): 760 mm Hg. 1465 degrees C.
MELT POINT / FREEZE POINT (°C): 801 degrees C.
PH: 6.7 – 7.3
SOLUBILITY IN WATER (G/CC, %): 26.4%
SPECIFIC GRAVITY (H₂O=1): 2.16 (H₂O)
BULK DENSITY: 53-83 Lbs/Ft³
% VOLATILE BY WEIGHT: N/A
VAPOR PRESSURE (MM HG/747°C): =2.4
VAPOR DENSITY (AIR=1): (Air=1) N/A

SECTION X: REACTIVITY

STABILITY: Stable
INCOMPATIBILITIES: Avoid contact with strong acids. Becomes corrosive to metals when wet.
Decomposition Products: May evolve chlorine gas when in contact with strong acids.

SECTION XI: PHYSICAL AND CHEMICAL PROPERTIES

DESCRIPTION: Not Listed

SECTION XII: ECOLOGICAL INFORMATION

ECOTOXICITY: Not Listed.
ENVIRONMENTAL DEGRADATION: Not Listed.

SECTION XIII: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Follow applicable Federal, state and local regulations.

SECTION XIV: TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Not Listed
TECHNICAL SHIPPING NAME: Not Listed
D.O.T. HAZARD CLASS: Not Listed
U.N./N.A. NUMBER: Not Listed
PRODUCT RQ (LBS.): N/A
D.O.T. LABEL: Not Listed
D.O.T. PLACARD: N/A
FREIGHT CLASS BULK: N/A
FREIGHT CLASS PACKAGE: N/A
PRODUCT LABEL: N/A

SECTION XV: REGULATORY INFORMATION

OSHA STATUS: Not Listed
TSCA STATUS: Listed as non hazardous.

CERCLA REPORTABLE QUANTITY
SARA Title III

Section 302 Extremely
Hazardous Substances: Not Listed
Section 311/312
Hazardous Categories: Not Listed
Section 313
Toxic Chemicals: Not Listed
RCRA Status: Not Listed
HMIS: 1 0 0 A

STATE REGULATORY INFORMATION
Not Applicable

SECTION XVI: OTHER INFORMATION

REASON FOR ISSUANCE: Regulatory Compliance
APPROVAL DATE: September 30, 2011
SUPERSEDES DATE: Not Applicable

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