

MATERIAL SAFETY DATA SHEET

KICK ICE™



Revision Date: 10/15/11

COMPANY IDENTIFICATION:

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Commercial Name: **Kick Ice Deicer**

Chemical Product Name: Sodium Chloride (Salt)
Chemical Family: Alkali Metal / Halide
Chemical Name: Sodium Chloride

Health	1
Fire	0
Reactivity	0
Personal Protection	A

Description

Sodium Chloride

CAS Number

7647-14-5

Concentration

100%

Purpose

Deicer

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. Seek medical attention.

FIRST AID FOR SKIN: Remove clothing from affected area. Wash skin thoroughly. Rinse carefully. If irritation persists, seek medical attention.

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

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

SECTION V: FIRE AND MEASURES

GENERAL INFORMATION: Water runoff can cause environmental damage. Dike and collect water used to fight fire. Wear appropriate protective clothing to prevent contact with skin and eyes. Wear a self-contained breathing apparatus (SCBA) to prevent contact with thermal decomposition products. Substance is noncombustible.

EXTINGUISHING MEDIA: This product is nonflammable. For small fires, use water spray, dry chemical, carbon dioxide or chemical foam.

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: Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Do not ingest or inhale.

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: Crystalline Solid.

COLOR: Colorless or White

ODOR: Odorless

BOILING POINT: 2575 degrees F

MELT POINT / FREEZE POINT (°C): 1474 degrees F

PH: Not Available

SOLUBILITY IN WATER (G/CC, %): Soluble

SPECIFIC GRAVITY (H₂O=1): 2.165 (H₂O)

MOLECULAR FORMULA: NaCl

MOLECULAR WEIGHT: 58.43

SECTION X: REACTIVITY

STABILITY: Stable

INCOMPATIBILITIES: Avoid contact with strong acids. Becomes corrosive to metals when wet. Reacts with most nonnoble metals such as iron or steel, building materials (such as cement), bromine or trifluoride. Potentially explosive reaction with dichloromaleic anhydride + urea. Electrolysis of mixtures with nitrogen compounds may form explosive nitrogen trichloride.

Decomposition Products: Toxic fumes of sodium oxide.

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 10, 2011
SUPERSEDES DATE: Not Applicable

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