

# MATERIAL SAFETY DATA SHEET

KICK ICE™



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DISTRIBUTOR:

True North Services, LLC  
2405 Merriam Lane  
Kansas City, KS 66106  
Web: www.truenorthoutdoor.com

EMERGENCY TELEPHONE NUMBER:

(888) 824-9932

E-Mail: kickice@truenorthoutdoor.com

Commercial Name: **Kick Ice Whiteout Deicer**

Health	0
Fire	0
Reactivity	0
Personal Protection	

Chemical Product Name: Complex Chloride and Magnesium Pellets

Formula: Proprietary Blend

Description	CAS Number	Concentration
Magnesium Chloride	7791-18-6	.06 - .20%
Calcium Chloride	10043-52-4	.03 - .20%

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

EYE CONTACT: May cause mild irritation.

SKIN CONTACT: May cause mild irritation.

INHALATION: May cause respiratory tract irritation.

INGESTION: May cause GI irritation.

Chronic Effects: None known.

FIRST AID FOR EYES: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

FIRST AID FOR SKIN: Flush with water, wash with mild soap and water, and practice reasonable and ordinary hygiene.

FIRST AID FOR INHALATION: If inhaled, remove to fresh air, if not breathing, give artificial respiration. Obtain medical attention if irritation occurs.

FIRST AID FOR INGESTION: Non toxic, rinse mouth with water, do not give an unconscious person something to ingest.

## **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: Sweep up. Store in a dry area.

## **SECTION VII: HANDLING AND STORAGE**

Keep out of reach of children. Material can be corrosive to some metals; care should be taken when stored for long periods in metal containers. Avoid contact with eye, skin or clothing. Wash thoroughly after handling. Practice reasonable care and precautions. Wear safety glasses and rubber or other impervious gloves. Store in a dry area. Not for food or drug use. Do not take internally.

## **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: None / Local Exhaust.

EXPOSURE LIMITS: Not listed.

## **SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL FORM: White Solid Pellets with No Odor.

COLOR: White Solid Pellets

ODOR: None

BOILING POINT: 388° F (198° C)

MELT POINT: Approximately 446° F (230° C)

Evaporation Rate: Not Applicable

Solubility in Water: 92-99%

SPECIFIC GRAVITY: Solid Material, N/A

VAPOR PRESSURE: Solid Material, N/A

## SECTION X: REACTIVITY

STABILITY: Stable

INCOMPATIBILITIES: None known.

DECOMPOSITION PRODUCTS: None known.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None established.

Corrode most metals exposed to air; attack aluminum ( and its alloys) and yellow brass; 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 a runaway polymerization reaction with methyl vinyl ether (Bretherick, 1979); and, in solution form react with zinc (galvanizing) to yield hydrogen gas which is explosive (Ibid). (Bretherick, L., 1979, Handbook of Reactive Chemical Hazards, 2<sup>nd</sup> Ed.).

## SECTION XI: PHYSICAL AND CHEMICAL PROPERTIES

DESCRIPTION: Not Listed

## SECTION XII: ECOLOGICAL INFORMATION

DEGRADABILITY: Product will not biodegrade or bioaccumulate.

## SECTION XIII: DISPOSAL CONSIDERATIONS

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

## SECTION XIV: TRANSPORTATION INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION: Not regulated as dangerous goods. Not regulated as hazardous.

TRANSPORTATION OF DANGEROUS GOODS: Not regulated as dangerous goods. Not regulated as hazardous.

## SECTION XV: REGULATORY INFORMATION

OSHA STATUS: Not Listed

TSCA STATUS: Not Listed

CERCLA REPORTABLE QUANTITY: None

SARA SECTION 302, 311, 312, 313: Not an OSHA hazardous material.

RCRA Status: Not Listed

## SECTION XVI: OTHER INFORMATION

REASON FOR ISSUANCE: Regulatory Compliance

APPROVAL DATE: October 15, 2011

SUPERSEDES DATE: Not Applicable

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