

Section 1 - IdentificationProduct Name: **Hoopes Premium, Super De-Icer or 4-Cast De-Icer**

A granular/crystalline ice melter blend.

Revised: 10/28/14

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info@DamonQ.com**INFOTRAC 24 HR. EMERGENCY RESPONSE**
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001-352-323-3500 (International)**Section 2 - Hazards Identification****Hazard category:** Skin Irritant 3, Eye Irritant 2B**Signal word:** Warning**Hazard statements -** Causes eye irritation and mild skin irritation.**Pictogram:** None.**Precautionary statements**Prevention

Wash hands thoroughly after handling. Wear protective gloves. Wear safety glasses with side shields.

Response**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.**If on skin:** If skin irritation occurs: Get medical advice.**Section 3 - Composition / Information on Ingredients**

Ingredient	C.A.S. No.	Percent
Sodium Chloride	7647-14-5	> 87%
Calcium Chloride	10043-52-4	5 - 10%
Magnesium Chloride	7791-18-6	3 - 5%
Potassium Chloride	7447-40-7	1%

Section 4 - First Aid Measures**Eye Contact:** Immediately flush eyes with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Although salt has only a temporary effect on the eyes it possible that the granules may abrade the surface of the eye so medical attention should be obtained if any irritation remains after flushing.**Skin Contact:** Rinse with water or wash the exposed area with soap and water.**Inhalation:** Move the affected person to fresh air. If irritation persists get medical attention.**Ingestion:** Product has low toxicity and a salty taste from dust is not a problem. However, in the case of ingestion of a large amount, obtain medical attention immediately. A glass of water may be given to rinse mouth and esophagus and dilute. Do not give anything by mouth to an unconscious person.**Section 5 - Fire-Fighting Measures****Flash Point:** None (ASTM D-56 closed cup)**Extinguishing Media:** Any**Special Fire Fighting Procedures:** None.**Unusual Fire And Explosion Hazards:** None.**Section 6 - Accidental Release Measures****Steps To Be Taken If Material Is Released Or Spilled:** Sweep up for normal use as ice melter. Usually product can still be used as directed. If product cannot be used, scoop or shovel into clean pails or drums.**Section 7 - Handling and Storage**

Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet.

Store in a cool, dry place and keep containers closed.

Section 8 - Exposure Controls / Personal Protection

Ingredient	C.A.S. No.	Percent	TWA(source)	STEL	Ceiling
Sodium Chloride	7647-14-5	> 80%	no established limits are available		
Calcium Chloride	10043-52-4	5 - 10%	no established limits are available		
Magnesium Chloride	7791-18-6	3 - 5%	no established limits are available		

Ingredient	C.A.S. No.	Percent	TWA(source)	STEL	Ceiling
Potassium Chloride	7447-40-7	1%	no established limits are available		

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hr Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous

Ventilation: None when used as directed.

Respiratory Protection: Usually none. If dust causes irritation, wear a particulate mask (NIOSH type N95) while scooping and dispersing product.

Gloves: Use rubber or latex gloves. Disposable latex gloves may be used.

Eye Protection: If eye contact with product is possible, wear safety glasses with side shields.

Other Protective Equipment: None.

Section 9 - Physical and Chemical Properties

Appearance and Odor: Blue or Green granular/crystalline solid with no odor.	
Odor Threshold: Not Available	Vapor Pressure: Not Applicable
pH: 2.0 ± 0.5	Vapor Density: Not Applicable
Melting Point: Not Available	Relative Density (Specific Gravity): 2.16
Freezing Point: Not Available	Solubility(ies): Water: 36g/100cc water @ 20°C
Boiling Point, Initial: 2,575° F.	Partition coefficient: Not Available
Boiling Range: Not Available	Auto-ignition Temperature: Not Applicable
Flash Point: none. (ASTM D-56 closed cup)	Decomposition Temperature: Not Available
Evaporation Rate: Not Applicable	Viscosity: Same as water.
Flammability: (solid, gas): None.	Volatiles Percent: 0%
Upper Explosive Limit: Not Applicable	V.O.C.: 0.0%
Lower Explosive Limit: Not Applicable	

Section 10 - Stability and Reactivity

Incompatibility: Avoid contact with strong oxidizers and acids. Contact may release hazardous chlorine gas.

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

Primary Routes of Entry: Skin contact; Skin absorption; Inhalation; Ingestion

Potential Health Effects:

Eyes - causes irritation, redness, tearing, blurred vision.

Skin - may cause mild irritation, redness, with prolonged contact.

Swallowing - small amounts cause gastrointestinal irritation, nausea. Large amounts cause severe trauma.

Breathing - excessive inhalation of dust may cause nose, throat and respiratory tract irritation.

Target Organs: None. LD₅₀ Rat: ~ 3,000 mg/kg (about 0.05 oz. per lb of body weight)

Section 12 - Ecological Information

Do not dispose of product in the environment.

Section 13 - Disposal Considerations

Waste Disposal Method: Normally product may still be used as an ice melter after a spill and being swept up. Small amounts of residue may be flushed to a sanitary sewer with plenty of water. If product cannot be used as labeled, contact your waste hauler about proper disposal.

Section 14 - Transport Information

D.O.T. Hazard Class: Not considered hazardous

Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

Section 16 - Other Information

NFPA: H:0 F:0 I:0 **HMIS® III:** H:0 F:0 P:0 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 9/2214 - Downgraded from eye irritant 2A to 2B. Removed acute toxicity.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.