

MATERIAL SAFETY DATA SHEET

Form prepared by www.osha-slc.com (07/2004) 0443

Section 1. Chemical Product and Company Identification	
Product Name: SSS Ice Melter	
Distributors Name: SSS Triple S	Emergency Telephone Number CHEMTREC 800-424-9300
Address (Number, Street, City, State, and ZIP Code) 2 Executive Park Drive	Telephone Number For Information 888-844-6761
Billerica MA 01862	Date Prepared 23 September 1996
	Signature of Preparer (optional) Michael Archer, ASSE

Section 2. Composition / Information on Ingredients			
Component	CAS Registry #	Exposure Limits	
		ACGIH TLV	OSHA PEL
Potassium chloride	7447-40-7	Not est.	10 mg/m3
Sodium chloride	7647-14-5	Not est.	10 mg/m3
Urea	57-13-6	Not est.	10 mg/m3
Methyl glucoside	97-30-3	Not est.	10 mg/m3

Section 3. Hazards Identification

EMERGENCY OVERVIEW

Will cause moderate eye irritation. Avoid contact with open sores.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT:

Will cause moderate eye irritation.

INHALATION:

No effects expected.

SKIN CONTACT:

No effects expected.

INGESTION:

Can cause irritation of passages.

CHRONIC EFFECTS / CARCINOGENICITY:

None

Section 4. First Aid Measures

EYE CONTACT:

Flush eye with water for 15 minutes. Get medical attention if irritation persists.

SKIN CONTACT:

Wash thoroughly with soap and water.

INGESTION:

Drink 2-3 glasses of water. Induce vomiting. Call physician.

NOTE TO PHYSICIAN:

Treat symptomatically. Product contains salts of potassium and sodium.

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LABORATORIES

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Section 5. Fire Fighting Measures**FLAMMABLE PROPERTIES:**

FLASH POINT: Not applicable

METHOD USED: Not applicable

FLAMMABLE LIMITS

LFL: Not applicable

UFL: Not applicable

EXTINGUISHING MEDIA:

Use fire fighting media as for surrounding fire.

FIRE & EXPLOSION HAZARDS:

None

FIRE FIGHTING INSTRUCTIONS:

Keep all persons upwind of smoke and vapors. Waters from fire fighting may be hazardous and should be contained to prevent their access into natural and drinking waters. Analyze waste waters before disposal.

FIRE FIGHTING EQUIPMENT:

Wear self contained breathing apparatus (SCBA). Wear full bunker gear.

Section 6. Accidental Release Measures

Sweep up material as soon as spilled to prevent contamination. Repackage in labeled container and use as directed on original package label. Attach original label to repackaged container.

Section 7. Handling and Storage

Do not contaminate water, food or feed by storage. Store in dry secure location away from children and pets.

Section 8. Exposure Controls / Personal Protection**ENGINEERING CONTROLS:**

Use outdoors only.

RESPIRATORY PROTECTION:None required unless dust levels over 10 mg/m³ (unlikely).**SKIN PROTECTION:**

None required.

EYE PROTECTION:

Use eye protection if granules may come into contact with eyes.

EXPOSURE GUIDELINE (S):Nuisance dust levels over 10 mg/m³ indicate need for respiratory protection.**Section 9. Physical and chemical Properties**

APPEARANCE: White granules

PHYSICAL STATE: Dry

BOILING POINT: Not applicable

SOLUBILITY IN WATER: 100 %

EVAPORATION RATE: Not applicable

SPECIFIC GRAVITY: 1.2

FREEZING POINT: Not applicable

VAPOR DENSITY: Not applicable

MELTING POINT: Not applicable

VAPOR PRESSURE: Not applicable

MOLECULAR WEIGHT: Not applicable

VISCOSITY: Not applicable

ODOR: None

% VOLATILE: None

PH: 6.0-8.0

Section 10. Stability and Reactivity**CHEMICAL STABILITY:**

Stable

INCOMPATIBILITY:

Strong acids

HAZARDOUS DECOMPOSITION PRODUCTS:Low amounts of cyanic acid, NH₃, HCN CO, NOx biuret from urea component.**HAZARDOUS POLYMERIZATION:**

None

Section 11. Toxicological Information**EYE:**

Eye irritant. Treat as foreign water soluble object in eye.

SKIN:

No reaction.

INGESTION:

Can cause irritation of passages due to ingredient makeup. Treat symptomatically.

INHALATION:

No reaction.

SUBCHRONIC:

No reaction.

CHRONIC/CARCINOGENICITY:

None known. Not listed IARC, NTP or OSHA as carcinogen.

Section 12. Ecological Information**ECOTOXICOLOGICAL INFORMATION:**

Keep out of natural and drinking waters. High concentrations at flow source into bodies of water may cause temporary conditions unfavorable for aquatic organisms. Dilute the resulting slush-Safe Step mixture by spreading over the lawn in order to prevent high concentrations of ice melter which may cause damage to vegetation. Do not pile slush.

Section 13. Disposal Considerations

Material disposal: Reuse if possible. Material contaminated with dirt can be reused. If reuse is not possible, dispose of on site or at an approved waste disposal facility. Container disposal: Place in trash for disposal at an approved waste disposal facility.

Section 14. Transport Information (Not meant to be all inclusive)

D.O.T. SHIPPING NAME: Not regulated by DOT

Section 15. Regulatory Information (Not meant to be all inclusive - selected regulation represented)

OSHA STATUS: Not listed.

TECA STATUS: All components listed.

CERCLA REPORTABLE QUANTITY: Not listed.

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

CALIFORNIA PROPOSITION 65:

No reporting required.

Section 16. Other Information**MSDS STATUS:**

Information given herein is given in good faith, but no warranty, express or implied, is made. Information is accurate as of date noted.

IMC Vigoro assumes no liability for product used not in accordance with label directions.

Information for this Material Safety Data Sheet (MSDS) is compiled from individual component MSDS, product specification sheets and various regulatory resources.