



MATERIAL SAFETY DATA SHEET

Date Prepared: September 1994

Identity: **SAFE STEP ICE MELTER** - containing a proprietary patented combination of inorganic and organic compounds

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A Division of **VIGORO** INDUSTRIES, INC.

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION
OSHA PEL ACGIH TLV Other Limits Recommended Does Not Contain Chemicals Defined as Hazardous.

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point.....Not Applicable	Solubility in Water.....317 gpl at 0° C	Specific Gravity.....2.076
Vapor Pressure.....Not Applicable	Appearance.....White, Dry Granules	Melting Point.....Not Applicable
Vapor Density.....Not Applicable	Odor.....None	Evaporation Rate.....Not Applicable

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point.....Not Applicable	Special Fire fighting Procedures.....None	Flammable Limits.....Not Applicable
Extinguishing Media.....Water or Foam	Unusual Fire & Explosion Hazards.....None	LEL & UEL.....Not Applicable

SECTION V REACTIVITY DATA	NFPA HAZARD RATING
Stability.....Stable	0 - Least
Conditions to Avoid.....Strong Oxidizing Acids	1 - Slight
Incompatibility.....Not Applicable	2 - Moderate
Hazardous Decomposition Or By-Products.....Not Applicable	3 - High
Hazardous Polymerization.....Will Not Occur	4 - Extreme
	Health - 0
	Flammability - 0
	Reactivity - 0
	Personal Protection - 0

SECTION VI HEALTH HAZARD DATA

Routes of Entry: Inhalation...Not Applicable Under Normal Conditions	Signs and Symptoms of Exposure.....None
Skin.....Not Applicable Under Normal Conditions	Medical Conditions
Ingestion.....Not Applicable Under Normal Conditions	Generally Aggravated by Exposure.....Possible skin or eye irritation
Health Hazards: None Known	Emergency First Aid Wash off with water. In case of eye contact,
Carcinogenicity: NTP; LARC Monographs.....Not Listed	Procedures: flush eyes with running water. If ingested,
OSHA Regulated.....Not Regulated	induce vomiting by lavage with water or milk.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to take in case Material is Released or Spilled.....Sweep material into clean container (reuse if possible). Wash down remainder with water.

Waste Disposal Method.....Discard in normal waste disposal according to local regulations.

Precautions to be taken in Handling or Storing.....Store in a dry area. Wash Hands after handling.

SECTION VIII CONTROL MEASURES

Respiratory Protection.....Not Normally Needed	Protected Clothing	Gloves - Optional
Ventilation.....Not Needed Under Normal Conditions	or Equipment:	Eye Protection - Optional
Work/Hygienic Practices.....Wash hands after handling with warm soapy water		

SECTION IX PRECAUTIONS

Storage and Handling Precautions.....Store in a dry, well ventilated area. Practice good housekeeping: clean up spills immediately.

SECTION X REFERENCES AND DEFINITIONS

Combinations of Organic and Inorganic Compounds: KCl — Cas. No. 7447-40-7 NH₂CONH₂ — Cas. No. 57-13-6
NaCl — Cas. No. 7647-14-5 C₇O₆H₁₄ — Cas. No. 97-30-3