

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard.
20 CFR 1910, 1200. Standard must be
Consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List) InfernalMelt

Note: Blank spaces are not permitted, if any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name Industrial Systems Ltd.	Emergency Telephone Number 800/243-0097
Address (Number, Street, City, State and Zip Code)	Telephone Number for information 815/344-5581
112 WEST ROUTE 120	Date Prepared 4-14-11
LAKEMOOR, IL 60050	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s)	% composition	OSHA PEL	ACGIH TLV	IARC	NTP
Water CAS # 7732-18-5	40% -62%	none	none	none	none
Calcium Chloride CAS # 10043-52-4	10% - 20%	none	none	none	none
Sodium Chloride CAS # 7647-14-5	5% - 10%	none	none	none	none
Magnesium Chloride CAS # 7786-30-3	2% - 10%	none	none	none	none
Potassium Chloride CAS # 7447-40-7	1% - 7%	none	none	none	none

NFPA Hazard Code: **Health** 1

Flammability 0

Reactivity 0

Section III - Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity	1.27 ± .04
Vapor Pressure (mm Hg.)	Not Available	Melting Point	Not Available
Vapor Density (AIR -1)	Not Available	Evaporation Rate	Slower than Water
Solubility in Water	Complete	Volatile Organic compounds	none pH 4.0—5.5 Physical Description Liquid

Appearance and Odor Clear to Straw colored liquid/ little odor

Section IV - Fire and Explosive Hazard Data

Flash Point	N/A (Not Applicable)	Flammable Limits	LEL	N/AV	UEL	N/AV
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Extinguishing Media Foam/water, Carbon dioxide, fog/dry chemical as for surrounding fire.

Special Fire Fighting Procedures Wear NIOSH/MSA approved self-contained breathing apparatus and full protective gear as for surrounding fire.

Unusual Fire and Explosion Hazards None Known **Auto Ignition Temperature** N/A

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	NONE KNOWN

Incompatibility (Materials to Avoid) NONE KNOWN

Hazardous Decomposition or By products NONE KNOWN

Hazardous Polymenization	May Occur		Conditions to Avoid
	Will Not Occur	X	NONE KNOWN

Section VI - Health Hazard Data

Routes of Entry: **Inhalation?** Vapors may cause irritation of upper respiratory system & nasal passage. **Skin?** May cause an effect on skin with prolonged or repeated contact. **Ingestion?** Not normally ingested.

Health Hazards (Acute and Chronic): May be skin and/or eye irritant.

Carcinogenicity: **NTP?** N/AP **IARC Monographs?** N/AP **OSHA Regulated?** NO

Signs and Symptoms of Exposure: **Skin:** may cause a reversible inflammatory effect on skin tissue at the site of contact. **Inhalation:** may cause a reversible inflammatory effect on the upper respiratory system.

Medical Conditions Generally Aggravated by Exposure: None Known

Emergency and First Aid Procedures: **Ingestion:** Dilute with water. If gastrointestinal irritation develops contact physician. **Eyes:** Rinse eyes

thoroughly with water for at least 15 minutes, lifting upper & lower eyelids. **Skin:** Flush with large amounts of water, use soap if available. **Inhalation:** Remove to fresh air. If respiratory symptoms develop consult physician.

Section VII - Precautions for Safe Handling and Use & Transport Information

Steps to Be Taken in Case Material is Released or Spilled: Wear suitable protective equipment. Contain spill and collect with absorbent material and transfer into suitable containers. Spill area can be washed with water.

Waste Disposal Method: Dispose of in accordance with federal, state and local environmental regulations.

Precautions to Be Taken in Handling: Wear safety glasses. Impervious gloves are recommended. Wear long sleeve shirt and long pants.

If high vapor or mist concentrate, use of a respirator is recommended.

Other Precautions: SARA Hazard Classes: Acute Health Hazard

DOT Not restricted IATA Not Restricted **HMIS Labeling:** Acute Health Hazard

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Ventilation	Mechanical (General) None Required	Other None Required
Protective Gloves	Rubber or plastic gloves recommended	Eye Protection Safety glasses/goggles

Other Protective Clothing or Equipment None Required

Work/Hygienic Practices Eyewash fountains and safety showers should be accessible wash thoroughly after handling.