

Kissner Salts & Chemicals

M.S.D.S.

EnvironMelt Ice Melter

SECTION 1: PRODUCT INFORMATION

T.D.G. Classification	Not regulated
UN Number	Not applicable
Packing Group	Not applicable
Product Name	EnvironMelt Ice Melter
WHIMIS Classification	Not applicable
Chemical Formula	Not applicable
Chemical Family	Not regulated
Product Use	Ice melting
CAS #	Not applicable
Supplier	Kissner Salts & Chemicals
	32 Cherry Blossom Rd Cambridge, Ontario N3H 4R7
	(519) 650-9998
Available Packaging	50lb bag, 50lb box, 50lb pail, 40 lb pail, 2000 lb sac

SECTION 2: HAZARDOUS INGREDIENTS

Hazardous Ingredients	No hazardous substances present in reportable amounts
Percentage	Not applicable
LD/50, Route, Specie	Not applicable
LC/50, Route, Specie	Not applicable

SECTION 3: PHYSICAL DATA

Physical State	Solid
Appearance & Odour	Green crystalline solid
Vapour Pressure (mm Hg at 20°C)	Not applicable
Vapour Density (Air = 1.0)	Not applicable
Bulk Density	Not applicable
Solubility in Water	Water Soluble
Specific Gravity (gm/cc, Water = 1.0)	Not applicable
% Volatile by Volume	Non volatile
Boiling Range (Deg. Celsius)	Not applicable
Melting/Freezing Point (Deg. Celsius)	-22 degrees Celsius.
Coefficient of Water/Oil Distribution	Not applicable
pH	10 (1 % solution @ 20 degrees C)

SECTION 4: FIRE AND EXPLOSION DATA

Flash Point	Not applicable
Autoignition Temperature (Deg. Celsius)	Not auto-ignitable
Flammability Limits in Air (%) LEL	Product is non-flammable. Not considered a fire hazard
Flammability Limits in Air (%) UEL	Not applicable
Fire Extinguishing Media	Not applicable
Fire Fighting Procedures	Not applicable
Other Fire or Explosion Hazards	Not applicable
Sensitivity to Mechanical Impact	Not sensitive
Rate of Burning	Not applicable
Explosive Power	None
Sensitivity to Static Discharge	None
Hazardous Combustion products	None

SECTION 5: REACTIVITY DATA

Chemical Stability	
Under Normal Conditions	Stable under normal conditions
Under Fire Conditions	Not applicable
Hazardous Polymerization	Will not occur
Conditions to Avoid	None
Materials to Avoid	strong oxidizers
Hazardous Decomposition	Hydrogen Chloride

SECTION 6: TOXICOLOGICAL PROPERTIES

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Route of entry into the body.....	Eye, skin, inhalation and ingestion
Effects of acute exposure to product.....	Eye: can cause mild to moderate temporary infection
.....	Skin: contact with abraded skin may cause mild irritation or rash
.....	Inhalation of dust: may cause nose, throat and respiratory tract irritation and coughing
Effects of chronic exposure to product.....	Not known at this time
Exposure limits.....	Not applicable
Irritancy of product.....	None hazardous by WHIMIS criteria
Sensitization of product.....	Not available
Carcinogenicity of product.....	None hazardous by WHIMIS criteria
Reproductive toxicity.....	Not available
Teratogenicity.....	Not available
Mutagenicity.....	Insufficient data available
Synergistic effects.....	Not available

SECTION 7: PREVENTIVE MEASURES

Specific Engineering controls required.....	Local exhaust for dust
Procedures to be followed in case of spill/leak.....	Small spills: May be flushed away with water or sweep up.
.....	Large spills: Sweep or scoop up for reuse or disposal.
Waste Disposal.....	Small spills: May be sewered.
.....	Large spills: Should be disposed of in landfill according to regulations.
Protective Equipment to be used.....	While this product is considered non-hazardous, good industrial practice suggests the use of proper eye protection and the use of gloves.
Storage Needs.....	Store away from strong oxidizing agents.
Handling procedures and equipment.....	Store in dry area. Keep container closed.
Special shipping information.....	Not applicable

SECTION 8: FIRST AID MEASURES

EYE CONTACT:.....	Flush eyes with flowing water. If irritation or redness are severe or persist, consult physician.
SKIN CONTACT.....	Flush skin with running water.
INGESTION.....	Drink liquids to dilute and consult physician.
INHALATION.....	Move victim to fresh air

SECTION 9: PREPARATION INFORMATION

Prepared by.....	J Browes
Emergency Phone No.....	(613) 996-6666 (Canutec)
Date.....	December 2006

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