

# 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, 40 lb pail, 2000 lb sac  
Prepared by ..... J. Browes

## 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

# Kissner Salts & Chemicals

**M.S.D.S.**

**EnvironMelt Ice Melter**

## SECTION 6: TOXICOLOGICAL PROPERTIES

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 ..... January 2006

The information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to review this information, satisfy themselves as to its suitability and completeness and pass on the information to its employees or customers. Kissner Salt & Chemicals does not accept responsibility for any loss or damage, which may occur from the use of this information.