

# The Kissner Group

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

**Melts Smart "Eco-Organic" Liquid De-icer with IB-7™**

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## **1 - GENERAL INFORMATION**

TRADE NAME: ..... Melts Smart "Eco-Organic" Liquid De-icer with IB-7™  
CHEMICAL NAME: ..... Sodium Chloride, Calcium Chloride, Magnesium Chloride,  
IB-7™ Organic Substances, Hydrogen Oxide  
CAS NO.: ..... N/A  
CONTACT: ..... The Kissner Group  
32 Cherry Blossom Road  
Cambridge, Ontario N3H 4R7  
Ph. (519) 279-4860  
Fax (519) 650-4222  
DATE ISSUED: ..... January, 2010

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## **2 - HAZARDOUS IDENTIFICATION**

HAZARDOUS COMPONENTS: ..... None  
DOT Hazard Class: ..... N/A

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## **3 - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT: ..... Not Applicable  
EXTINGUISHING MEDIA: ..... Not Applicable  
SPECIAL FIREFIGHTING PROCEDURES/EQUIPMENT: .... Not Applicable  
UNUSUAL FIRE AND EXPLOSION HAZARDS: ..... None

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## **4 - CONTROL MEASURES**

RESPIRATORY PROTECTION: ..... NIOSH/MSHA approved regulator for particulates.

### **VENTILATION:**

LOCAL EXHAUST: ..... Ventilate as required to maintain fumes below occupational  
exposure limits.  
MECHANICAL: ..... Ventilation equipment may be employed.  
SPECIAL/OTHER: ..... Not applicable.

### **PERSONAL PROTECTIVE EQUIPMENT:**

Protective Gloves: ..... Normal work gloves are adequate.

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Eye Protection: ..... Eyeglasses or goggles should be worn in wet areas. Other protective clothing or equipment: Protective clothing may be worn in wet areas.

Work/Hygiene practices: ..... Warm water showering and hand washing are suggested after working in wet areas.

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### 5 - HANDLING AND STORAGE

#### STEPS TO BE TAKEN IN CASE

MATERIAL IS RELEASED OR SPILLED: ..... Contain spills to prevent contamination of water supply or sanitary sewer system. Vacuum or sweep into container for proper disposal.

WASTE DISPOSAL METHOD: ..... For disposal of this material as a waste, act in accordance with all applicable federal, state and local waste management regulations.

#### PRECAUTIONS TO BE TAKEN IN

HANDLING AND STORAGE: ..... Avoid humid or wet conditions as product may cake and become hard.

OTHER PRECAUTIONS: ..... None

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### 6 - PHYSICAL AND CHEMICAL PROPERTIES

DENSITY: ..... 10.0 pounds per gallon

APPEARANCE AND ODOR: ..... White crystalline solid. No odor.

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### 7 - REACTIVITY DATA

STABILITY: ..... (X) Stable, ( ) Unstable

CONDITIONS TO AVOID: ..... Contact with strong acids

INCOMPATIBILITY (Materials to Avoid): ..... Becomes corrosive to unprotected metals when wet.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: ..... May evolve chlorine gas when in contact with strong acids.

HAZARDOUS POLYMERIZATION: ..... ( ) May occur, (X) Will Not Occur

CONDITIONS TO AVOID: ..... Not Applicable

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### 8 - HEALTH HAZARD DATA

#### ROUTES OF ENTRY:

INHALATION: ..... May cause mild irritation of nose and throat.

SKIN: ..... May cause mild irritation.

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INGESTION: ..... Ingestion of large amounts may cause gastrointestinal upset.  
HEALTH HAZARDS (ACUTE AND CHRONIC): ..... Ingestion of large amounts (greater than 0.1 pound) can cause gastrointestinal upset and irritation of the stomach.  
No applicable information found for chronic systemic effects.

### CARCINOGENICITY:

NTP: ..... Not listed as a carcinogen or mutagen.  
IARC MONOGRAPHS: ..... Not listed as a carcinogen or mutagen.  
OSHA Regulated: ..... Not listed as a carcinogen or mutagen.

### SIGNS AND SYMPTOMS OF EXPOSURE:

INHALATION: ..... Slight irritation of the nose, sneezing  
SKIN CONTACT: ..... Irritation, inflammation  
INGESTION: ..... Nausea, vomiting

### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

In some cases of confirmed hypertension, ingestion may result in elevated blood pressure.

### EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: ..... If person breathes large quantities, remove to fresh air immediately. If breathing stops, apply artificial respiration immediately.  
SKIN CONTACT: ..... Remove clothing from affected area. Wash skin thoroughly. Rinse carefully.  
EYE CONTACT: ..... Flush with water immediately, lifting eyelids occasionally.  
INGESTION: ..... Less than a few grams would not be harmful. For larger quantities, drink large amounts of water or milk.

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## 9 – PREPARATION INFORMATION

Prepared by: ..... J. Browes  
Emergency Phone No.: ..... (613) 996-6666 (Canutec)  
Date: ..... January, 2010

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