

# The Kissner Group

M.S.D.S.

Safer Than Salt® Premium

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## 1 - GENERAL INFORMATION

TRADE NAME: ..... Safer Than Salt® Premium Performance Ice Melter  
CONTACT: ..... The Kissner Group  
32 Cherry Blossom Road  
Cambridge, Ontario N3H 4R7  
Ph. (519) 279-4860  
Fax (519) 650-4222  
DATE ISSUED: ..... December, 2009

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## 2 - HAZARDOUS IDENTIFICATION

Appearance: ..... Blue-colored crystals with pellets and flakes. Odorless.  
Eye: ..... Flakes may cause slight eye irritation. Dust may cause severe eye irritation with corneal injury. Effects may be slow to heal. When dissolving, the heat produced may cause more intense effects as well as thermal burns.  
Skin: ..... Short single exposure not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation, even a burn. May cause more severe response if skin is damp or if material is confined to skin. May cause more severe response if skin is abraded. When dissolving, the heat produced may cause more intense effects as well as thermal burns. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.  
Ingestion: ..... Single dose oral toxicity is considered to be low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury. Ingestion may cause gastrointestinal irritation or ulceration.

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## 3 - FIRST AID

Eyes: ..... Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.  
Skin: ..... Wash off in flowing water.  
Ingestion: ..... If swallowed, seek medical attention. Do not induce vomiting unless directed by medical personnel.  
Inhalation: ..... Remove to fresh air if effects occur. Consult physician.

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## 4 - 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  
Protective Equipment for Firefighters:..... Wear positive pressure, self-contained breathing apparatus (SCBA) and full protective firefighting clothing (includes firefighting helmet, coat, pants, boots and gloves.)

## 5 - ACCIDENTAL RELEASE MEASURES

### **Protect People:**

Isolate area. Avoid contact with eyes and skin. May be a slipping hazard. Stop leak if it can be done safely. Wash exposed body areas thoroughly after handling. Use appropriate safety equipment.

### **Protect the Environment:**

For small spills:..... Losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.  
For large spills: ..... Avoid contamination of drinking water, natural water, ground water or any waterway. Losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.

### **Clean-Up:**

For small spills:..... Contain spill if possible. Collect material in suitable and properly labeled containers. Flush residue with plenty of water.  
For large spills: ..... Dike and transfer to suitable and properly labeled containers. Flush residue with plenty of water.

## 6 - HANDLING AND STORAGE

Handling:..... Heat developed during diluting or dissolving is very high. Use cool water when dissolving or diluting.  
Storage:..... Keep containers tightly closed when not in use. Store in a dry place. Protect from atmospheric moisture.

## 7 - EXPOSURE CONTROLS PERSONAL PROTECTION

Eye/Face Protection:..... Use safety glasses. For dusty operations, wear chemical goggles.

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Skin Protection:..... For brief contact, no precautions other than clean, body-covering clothing should be needed. Use protective clothing impervious to this material and its components. If hands are cut or scratched or sensitive to deicing chemicals, use gloves impervious to this material.

Respiratory Protection:..... In dusty applications or atmospheres, use an approved dust respirator.

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### **8 - PHYSICAL AND CHEMICAL PROPERTIES**

Blue-colored crystals with pellets and flakes. Odorless.

Stability: ..... Stable. Hygroscopic.

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### **9 - OTHER IMPORTANT INFORMATION**

Do not dump into sewers, on the ground or into any body of water. Follow application directions found on the package.

Incompatibility with other materials: Corrosive to some metals. Avoid contact with metals such as: brass, mild steel, aluminum or any ferrous metal. Flammable hydrogen may be generated from contact with metals such as zinc or sodium. Avoid contact with sulfuric acid.

Strong oxidizing agents will release chlorine. Liberates chlorine upon thermal decomposition.

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

This product is not regulated by D.O.T. when shipped domestically by land.

To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

Consult MSDS sheets for sodium chloride, potassium chloride and urea for additional information.

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## 10 – PREPARATION INFORMATION

Prepared by: ..... J. Browes  
Emergency Phone No.: ..... (613) 996-6666 (Canutec)  
Date ..... December 2009

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