

StateLine Irrigation Supply, Inc.

M.S.D.S.

Advance Ice Melter

1 - GENERAL INFORMATION

TRADE NAME: Advance Ice Melter

CHEMICAL FORMULA:..... Sodium Chloride (CAS # 7647-14-5)
Potassium Chloride (CAS # 7447-40-7)
Calcium Chloride (CAS # 10043-52-4)
Magnesium Chloride (CAS # 7791-18-6)
Calcium Magnesium Acetate (CAS # 76123-46-1)

CONTACT: StateLine Irrigation Supply, Inc.
PO Box 574
8 Westech Dr.
Tyngsboro, MA 01879
Ph. (978) 649-4444
Fax (978) 649-4446

DATE ISSUED: September 2010

2 - HAZARDOUS IDENTIFICATION

Appearance:..... White to off-white, orange-colored crystals 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.

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.

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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.
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.

8 - PHYSICAL AND CHEMICAL PROPERTIES

White to off-white, orange-colored crystals and flakes. Odorless.
Stability: Stable. Hygroscopic.

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 September 2010

Disclaimer: THE KISSNER GROUP believes the information contained on this MSDS sheet to be accurate: However, the data and information are presented without any representation of warranty, expressed or implied, regarding the accuracy or correctness. Once this product leaves the property of THE KISSNER GROUP, the conditions or methods of handling, storage, use and disposal are beyond the control and knowledge of THE KISSNER GROUP. For this and other reasons, THE KISSNER GROUP does not assume responsibility and expressly disclaims any liability for loss, damage, injury or expense arising out of or in any way connected with the handling, storage, use or disposal of this product. Follow all instructions found on package.