



Premier Tech Home & Garden
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ON, L5N 3C9
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Safety Data Sheet

Product Code: 8405600

Section I – Product and company identification

Product's Name

Alaskan Liquid Ice Preventer

Manufacturer's Name

Premier Tech Home & Garden

Emergency Telephone Number:

1-800-268-2806, option 1

Address

1900 Minnesota Court, Unit 125

Telephone Number for information:

1-800-268-2806

Mississauga, Ontario

Prepared by:

Technical Department

Canada, L5N 3C9

Section II – Hazard Identification

Route(s) of Entry:	Inhalation Possible	Skin Possible	Ingestion Possible	Eyes Possible
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Eye:

Material may be handled at elevated temperatures; contact with heated material may cause thermal burns. May cause severe irritation with corneal injury. Effects may be slow to heal.

Skin:

Short single exposure is not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation, even a burn. May cause more severe response if confined to skin or skin is abraded (scratched or cut). Material may be handled at elevated temperatures; contact with heated material may cause thermal burns. A single prolonged exposure is not likely to result in the material being absorbed through the skin in harmful amounts. Not classified as corrosive with TDG Act and Regulations.

Ingestion:

Single dose oral toxicity is believed to be low. Small amounts swallowed incidental to normal handling procedures are not likely to cause injury; swallowing amounts larger than that may cause injury. Ingestion may cause gastrointestinal irritation or ulceration.

Inhalation:

Vapors are unlikely due to physical properties. Mists may cause irritation to upper respiratory tract.

Systematic (Other Target Organ) Effects:

No relevant information found.

Section III – Composition, Information and Ingredients

Ingredients	CAS #	Wt. %
Calcium Chloride	010043-52-4	25-30
Magnesium Chloride	007791-18-6	2-4%
Urea		2-8%
Corrosion Inhibitor and Anti-spalling agent		2-10%
Water		60-70%

Section IV – Emergency and First Aid Measures

Inhalation: Remove to fresh air if effects occur. Consult a physician.

Eye contact: Irrigate with flowing water immediately and continuously for 15 minutes. Contact medical personnel (if required).

Ingestion: Do not induce vomiting. Give large amounts of water or milk if available and transport to medical facility.

Skin contact: Wash off in flowing water or shower.

Section V – Fire Fighting Measures

Flash Point (Method Used): Not applicable	Flammable Limits: Not applicable	LEL: ---	UEL: ---
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Extinguishing Media: Water	Unusual Fire and Explosion Hazard : None
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Special Fire-Fighting Procedures:

None. Keep people away. Isolate fire area and deny any unnecessary entry. Wear positive pressure self contained breathing apparatus (SCBA) and full protective fire fighting clothing (includes fire fighting helmet, coat, pants, boots, and gloves).

Section VI – Accidental Release Measures**Protect People:**

Isolate area. Avoid contact with eye 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 applications of this product in it's 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 applications of this product in it's intended uses are not expected to be harmful to the environment.

Clean Up:

For **small spills**: contain spill if possible. Absorb with material such as sand. 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. Absorb with material such as sand. Flush residue with plenty of water.

Section VII – Handling and Storage

Handling: Product shipped/handled hot can cause thermal burns. Selection of specific items such as gloves, boots, apron, or other, will depend on each operation. If hands are cut or scratched, use gloves impervious to this material for brief exposures. Use gloves with insulation for thermal protection, when needed.

Respiratory Protection:

Storage: No special storage requirements.

Section VIII – Exposure Control and Personal Protection**Respiratory Protection (Specify Type):**

When respiratory protection is required for certain operations, use an approved air-purifying respirator. In misty atmospheres, use an approved mist respirator.

Ventilation:

Not applicable

Protective Gloves:

Not normally necessary but suggested in cases of open wounds that are not appropriately protected.

Eye Protection:

Not applicable

Protective Clothing or Equipment:

Normal work clothing.

Section IX – Physical and Chemical Properties

Boiling Point	122°C	Specific Gravity (H₂O = 1)	1.32-1.34 @ 25°C
Vapor Pressure (mm Hg)	7-15 mmHg @ 25°C	Melting Point	Not applicable
Vapor Density (AIR = 1)	Same as water	Evaporation Rate (Butyl Acetate = 1)	Not applicable
Solubility in Water	Completely miscible		
Appearance and Odor	Clear to amber coloured liquid		

Section X – Stability and Reactivity

Stability: Stable, hygroscopic	Conditions to Avoid: >350°F
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Incompatibility (Materials to Avoid): attack aluminum / yellow brass; react with sulfuric acid and zinc.

Hazardous Decomposition or by Products: None

Hazardous Polymerization: Will not occur	Conditions to Avoid: None
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Section XI – Toxicological Information

Acute toxicity

Skin: The LD50 for skin absorption in rabbits is >5000 mg/kg .

Ingestion (100%): The oral LD50 for rats is in the range of 10,383 mg/kg.

Mutagenicity: For CaC12, in vitro mutagenicity studies were negative.

Section XII – Ecological Information

Ecotoxicity effects: Based largely or completely on data for major component(s), material is practically non-toxic to aquatic organisms on an acute basis (LC50 greater than 100 mg/L in most sensitive species).

Section XIII – Disposal Information

Disposal: Do not dump into any sewers, on the ground, or into any body of water. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. For unused or contaminated product, the preferred options include sending the material to a licensed, permitted, reclaimer or waste water treatment system.

Hazardous Waste Classification: Not applicable

Section XIV – Transport Information

TDG Classification: Not regulated when shipped domestically by land.

Section XV – Regulatory Information

WHMIS

The Canadian Workplace Hazardous Materials Information System (WHMIS) Classification for this product is: D2B – eye and skin irritant.

Section XVI – Other Information

Original Issued Date: May 25, 2015

Revision Date:

Additional Information: The information above is accurate and reliable to the best of our knowledge as the date hereof. However, such information is not to be interpreted as representing a warranty or guarantee as to its accuracy and reliability or completeness. No warranty of any kind is given or implied and PREMIER TECH HOME & GARDEN will not be liable for any damages, losses, injuries or consequential damages which may result from the uses or reliance on any information contained. The users must do their own research for the pertinence of the information for specific use. For more information: www.premiertechhomeandgarden.com.
