

SECTION 1. IDENTIFICATION

Product Name: Alaskan Ice Preventer
Product Code: 8405600, 8405602
Recommended Use: Ice Melter
Restriction on Use: Use only as recommended by the label
Manufacturer : Premier Tech Home & Garden Inc.
 1 avenue Premier, Rivière-du-Loup, Québec G5R 6C1
Emergency Phone Number: 1-800-268-2806, option 5

SECTION 2. HAZARDS IDENTIFICATION

According to: WHMIS 2015 (Canada)

Classification Serious eye damage / Eye irritation – Category 2A

Pictogram(s):



Signal Word Warning

Hazard H319: Causes serious eye irritation

Statement(s)

Precautionary Statement(s)

Prevention

P264: Wash hands thoroughly after handling.

P280: Wear eye protection/face protection.

Response

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313: If eye irritation persists: Get medical advice/attention.

Storage

Disposal

Other Hazards None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%
Calcium chloride	10043-52-4	29-31

Concentrations are expressed in % weight/weight.

SECTION 4. FIRST-AID MEASURES

Inhalation: Not applicable.

Skin Contact: Wash contacted skin areas thoroughly with soap and water. Wash contaminated clothing before reuse. Get medical attention if irritation develops and persists.

Eye Contact: Rinse cautiously with water for 5 min. Remove contact lenses, if present and easy to do. Continue rinsing 10 min. Get medical attention if irritation develops and persists.

Ingestion: DO NOT induce vomiting. Wash out mouth with water and give plenty of water to drink.

**Most Important Symptoms
and Effects:**

May cause serious eye irritation. May cause skin irritation.
May cause diarrhea and vomiting when large quantities are
ingested.

**Immediate Medical Attention
and Special Treatment:**

Treat symptomatically

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media:

Use media suitable for the surrounding fire.

Unsuitable Extinguishing

None known.

Media:

**Specific Hazards Arising from the
Product:**

Product exposed to temperatures above 160°C releases
toxic chloride gases.

**Special Protective Equipment and
Precautions for Fire-fighters:**

Fire-fighters should wear appropriate protective
equipment and self-contained breathing apparatus
(SCBA). Contain runoff to prevent pollution.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions:

Wear eye/face protection and protective gloves when
handling spilled material. Avoid contact with eyes, skin and
clothing. Wash skin thoroughly with soap and water after
handling. Launder contaminated clothing before re-use.

Emergency Procedures:

No special emergency procedures required.

Environmental Precautions:

Do not allow spilled material to enter drains, sewers, streams
or watercourses.

**Methods and Material for
Containment and Cleaning
Up:**

Absorb liquid spills with a dry absorbent (such as sand or other
inert material). Collect and containerize unusable material for
disposal. Wash contaminated surfaces with water.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling:

Read the entire product label before use. Keep out of reach of
children. Keep in original container. Do not get in eyes, on skin
or clothing. Wash hands after use. Launder clothing before re-
use.

Conditions for Safe Storage:

Store jug upright in a cool, dry, well ventilated area. Inspect
periodically for damage or leaks.

Incompatibilities:

Avoid contact with: bromide trifluoride, 2-furan percarboxylic
acid because calcium chloride is incompatible with those
substances. Contact with zinc forms flammable hydrogen gas,
which can be explosive. Catalyzes exothermic polymerization
of methyl vinyl ether.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters: There are no occupational exposure limits.

Appropriate Engineering Controls: No specific requirement

Individual Protection Measures

Eye/Face Protection: Use safety eyewear if eye contact is likely.

Skin Protection: Normal working clothes are suitable. Cover legs and arms. Wear protective gloves (neoprene or nitrile rubber) if hand contamination is likely.

Respiratory Protection: No specific requirement.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid
Odour	None
Odour Threshold	Not available
pH	8 – 9.5 (estimated; undiluted)
Melting Point/Freezing Point	Not available
Boiling Point	Not available
Flash Point	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Not flammable
Upper/Lower Explosive Limit	Not available
Vapour Pressure	9-15 mmHg at 25°C
Vapour Density (air=1)	Not available
Relative Density (water=1)	1.29-1.31
Solubility	Completely miscible
Partition Coefficient, n-Octanol/Water (Log K _{ow})	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Hygroscopic

Chemical Stability: Stable under recommended storage and handling conditions

Possibility of Hazardous Reactions: Contact with zinc forms flammable hydrogen gas, which can be explosive. Catalyzes exothermic polymerization of methyl vinyl ether.

Conditions to Avoid: Temperature > 350°C

Incompatible Material: Strong oxidizing agents, concentrated acids and some metals.

Hazardous Decomposition Products: Formed under fire conditions: hydrogen chloride gas, calcium oxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Skin contact, Eye contact, Ingestion

Acute Toxicity of Alaskan Ice Preventer: oral LD₅₀ 2 282 mg/Kg

Skin Corrosion/Irritation: May cause slight skin irritation on prolonged or repeated contact.

Serious Eye Damage/Irritation: Causes serious eye irritation.

Respiratory and/or Skin Sensitization: No data available.

STOT (Specific Target Organ Toxicity)

Single Exposure: No data available.

Repeated Exposure: No data available.

Carcinogenicity: None of the component in the product is listed as carcinogen or suspected carcinogen by IARC, NTP or OSHA.

Reproductive Toxicity

Development of Offspring: No data available.

Sexual Function and Fertility: No data available.

Effects on or Via Lactation: No data available.

Germ Cell Mutagenicity: No data available.

Additional Information: No data available.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:	Freshwater Fish: LC ₅₀ 8 350–10 650 mg/L Invertebrate Toxicity – <i>Daphnia magna</i> LC ₅₀ 759 – 3 005 mg/L
Persistence and Degradability:	No data available.
Bioaccumulation Potential:	No data available.
Mobility in Soil:	No data available.
Other Adverse Effects:	No known significant effects or critical hazards.

SECTION 13. DISPOSAL CONSIDERATIONS

The waste of this product is not defined as hazardous. Dispose of all waste in accordance with the regulations of the environmental authority having jurisdiction.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian Transportation of Dangerous Goods (TDG) regulations.

SECTION 15. REGULATORY INFORMATION

This product has been classified and the SDS has been developed according to the Hazardous Products Regulation.

Canada

Canadian Environmental Protection Act (CEPA)

All constituents of these products are on the Domestic Substance List (DSL).

SECTION 16. OTHER INFORMATION

Additional Information :

The above information is accurate and reliable to the best of our knowledge, to the date of preparation of the Safety Data Sheet. However, this information should not be interpreted as a guarantee of accuracy or be considered complete. No warranty of any kind is given or implied and PREMIER TECH will not be considered responsible for any damage, loss, injury or consequential damage which may result from the use or reliance on any information contained. Users must do their own research as to the pertinence of this information for specific use. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.

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Supersedes version dated 2019-10-22

GLOSSARY OF ABBREVIATIONS
ACGIH: American Conference of Governmental Industrial Hygienists
ANSES: Agence nationale de sécurité sanitaire de l'alimentaire, de l'environnement et du travail
CAS: Chemical Abstracts Service (Registration number)
CEPA: Canadian Environmental Protection Act
CFIA: Canadian Food Inspection Agency
GHS: Globally Harmonized System
HCS: Hazard Communication Standard
IARC: International Agency for Research on Cancer
LC: Lethal Concentration
LD: Lethal Dose
NIOSH: National institute for Occupational Safety and Health
OSHA: Occupational Safety and Health Administration
PEL: Permissible Exposure Limit
PCPA: Pest Control Products Act
PMRA: Pest Management Regulatory Agency
REL: Recommended Exposure Limit
RSST: Provincial Workplace Health and Safety Regulations
STEL: Short -Term Exposure Limit
TLV: Threshold Limit Value
TWA: Time-Weighted Average
VECD: Short -Term Exposure Limit
VEMP: Adjusted Average Exposure Rate
WHMIS: Workplace Hazardous Materials Information System