

KegRiver

PREMIUM ICE MELTERS

330-004
PR-20

SAFETY DATA SHEET PRISTINE Ice Melter

Issuing Date: 24 August 2020 Revision Date: 02 November 2021 Revision Number: 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product form:	Mixture
Product Name:	PRISTINE Ice Melter
Synonyms	Ice melting compound with proprietary blend of Calcium Chloride, Sodium Chloride and Green Dye

Recommended use of the chemical and restrictions on use

Recommended use	Melting ice
Used advised against	No information available

Manufacturer details

Keg River Chemical Corp.
10350 - 21 Street NW
Edmonton, AB T6P 1W4
P. 780-417-2463
F. 780-416-0843

2. HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Not Classified

Label elements

No labeling applicable

EYE:

May cause irritation.

SKIN:

Short single contact is not likely to cause significant skin irritation. Repeated exposure may cause skin irritation or a burn. May cause a more severe reaction with prolonged exposure or if skin is injured.

INGESTION:

Single dose oral toxicity is believed to be low. Small amounts swallowed as part of normal handling are unlikely to injure. Ingestion of larger amounts may cause injury such as gastrointestinal irritation or ulceration.

INHALATION:

Dust may irritate upper respiratory tract.

SYSTEMATIC (OTHER TARGET ORGAN) EFFECTS:

No relevant information found.

3. COMPOSITION INFORMATION ON INGREDIENTS

	<u>CAS. Reg. No.</u>	<u>Approx %</u>
Sodium Chloride	007647-14-5	85-95%
Calcium Chloride	010043-52-4	5-15%

4. FIRST AID MEASURES

EYES:	Rinse with flowing water immediately and continuously for several minutes. Remove contact lenses. Seek medical attention if irritation develops or persists.
SKIN:	Wash off in flowing water or shower.
INGESTION:	Rinse mouth out with water. Do not induce vomiting unless directed by a physician. Give large amounts of water or milk if available and consult a physician.
INHALATION:	Remove to fresh air if effects occur. Consult a physician if not feeling well.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:	Non-flammable by WHMIS criteria.
FLAMMABILITY LIMITS:	LFL: Not Applicable UFL: Not Applicable.
HAZARDOUS COMPOSITION PRODUCTS:	Not Applicable.

6. ACCIDENTAL RELEASE MEASURES

PROTECT PEOPLE:	Avoid contact with eyes and skin, wash thoroughly after handling. Use appropriate safety equipment.
PROTECT THE ENVIRONMENT:	For small spills (< 20 kg): losses incidental to normal handling of this product should not be harmful to the environment. For large spills (> 1000 kg): avoid contamination of drinking water, ground water, sewers or streams.
CLEANUP:	Contain spill where possible. Collect spilled material and retain for proper use later, or dispose of using a fertilizer protocol, in accordance with government regulations.

7. HANDLING AND STORAGE

HANDLING:	Select protective clothing such as boots and gloves (thermal protective), and equipment such as shovels or spreaders according to operational needs.
STORAGE:	Close bag tightly and store in a cool, dry area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION:	Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator.
EXPOSURE GUIDELINES:	Sodium Chloride 10 mg/m ³ Calcium Chloride 10 mg/m ³

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE:	Green granular solid
BOILING POINT:	Not applicable
CRYSTALLIZATION TEMPERATURE	Not applicable
SOLUBILITY IN WATER:	Complete
BULK DENSITY:	1200-1500 kg/m ³
PH (10% solution)	7

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable. Hygroscopic
CONDITIONS TO AVOID:	Temperature >350C
MATERIALS TO AVOID:	React with sulfuric acid and zinc
HAZARDOUS DECOMPOSITION PRODUCTS:	Does not decompose
HAZARDOUS POLYMERIZATION:	Does not polymerize

11. TOXOCOLOGICAL INFORMATION

ACUTE:	Skin: The LD50 for skin absorption in rabbits is >5000 mg/kg for NaCl and CaCl ₂ .
INGESTION (100%):	Sodium Chloride Oral LD50: 3 g/kg, rat Calcium Chloride Oral LD50: 900-2100 mg/kg, rat
MUTAGENICITY:	In vitro mutagenicity studies were negative.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGY:	From data based on ingredients, this material is essentially non-toxic to aquatic organisms on an acute basis (LC ₅₀ >100 mg/L in most sensitive species).
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13. DISPOSAL CONSIDERATIONS

DISPOSAL:	Do not dump into any sewers, on the ground, or into any body of water. All disposal methods must follow all government local laws and regulations. Regulations may vary in different jurisdictions. For unused or contaminated product, the preferred options include sending the material to a licensed, permitted, reclaimer or waste treatment system.
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HAZARDOUS WASTE CLASSIFICATION:	Not Applicable
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14. TRANSPORTATION REQUIREMENTS**US and Canadian Shipments:****Proper Shipping Name:**

Ice Melt

TDG Classification:

Not regulated when shipped domestically by land.

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

Notice: The data and information presented herein are based upon tests, research and reports, which are considered by us to be reliable, and believed to be accurate. The data and information are presented without warranty, guarantee or liability on our part, and are presented to the customer for his own consideration, investigation and verification.

End of Safety Data Sheet