

SAFETY DATA SHEET Yukon Gold Ice Melter

Revision Date: 05 March 2020 Revision Number: 4 **Issuing Date:** 16 August 2018

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

Product form: Mixture

Product Name: Yukon Gold Ice Melter

Synonyms Ice melting compound with proprietary blend of Calcium

Chloride, Sodium Chloride, Liquid Calcium Chloride and

Blue Dve

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.

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Edmonton, Alberta, Canada T6P 1W4

Tel: (780) 417-2463 Fax: (780) 416-0843

Emergency telephone number Canada & USA: 1-888-512-2121 (M-F 8:00-4:30, MST)

2. HAZARDS IDENTIFICATION

Classification of the Substance or Mixture Not Classified Label elements

No labeling applicable

EYE: May cause irritation.

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).

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: Dusts may cause irritation to upper respiratory tract.

SYSTEMATIC (OTHER TARGET

ORGAN) EFFECTS:

No relevant information found.

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3. COMPOSITION INFORMATION ON INGREDIENTS

 CAS. Reg. No.
 Approx %

 Sodium Chloride
 007647-14-5
 80-90%

 Calcium Chloride
 010043-52-4
 10-20%

4. FIRST AID MEASURES

EYES: Irrigate with flowing water immediately and continuously for 15

minutes. Contact medical personnel (if required).

SKIN: Wash off in flowing water or shower.

INGESTION: Please note: Packaging recommendation is to give water,

induce vomiting, consult a physician. The updated recommendation is: Do not induce vomiting. Give large amounts of water or milk if available and transport to medical

facility. The bags will be updated in 2020.

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

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: Isolate area. Avoid contact with eye and skin. Wash exposed

body areas thoroughly after handling. Use appropriate safety

equipment.

PROTECT THE ENVIRONMENT: For small spills (< 20 kg): losses incidental to correct

applications of this product in its intended uses are not expected

to be harmful to the environment.

For **large spills** (> 1000 kg): avoid contamination of drinking water, natural water, ground water, or any waterway. Losses incidental to correct applications of this product in its intended uses are not expected to be harmful to the environment.

CLEANUP: Contain spill if possible. Collect spilled material, and dispose of

product as a fertilizer, in accordance with local, provincial or federal government regulations. Prevent spills from entering

sewers, local water supplies or environments.

7. HANDLING AND STORAGE

HANDLING: Selection of specific items such as gloves, boots, apron, or other,

will depend on each operation. If hands are cut or scratched,

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use gloves impervious to this material for brief exposures. Use gloves with insulation for thermal protection, when needed.

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/m³,

Calcium Chloride 10 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE: Blue solid
BOILING POINT: Not applicable
CRYSTALLIZATION TEMPERATURE SOLUBILITY IN WATER: Complete
BULK DENSITY: 1200-1500 kg/m³

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: Will not occur.

11. TOXOCOLOGICAL INFORMATION

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

NaCl and CaCl₂.

INGESTION (100%): Sodium Chloride LD_{50:} 3000 mg/kg, rat

Calcium Chloride Oral: LD50 = 900-2100 mg/kg, rat

MUTAGENICITY: In vitro mutagenicity studies were negative.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGY: 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).

13. DISPOSAL CONSIDERATIONS

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.

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Regulations may vary in different locations. Keg River Chemical Corp. encourages that disposal methods be utilized in accordance with the above noted. For unused or contaminated product, the preferred options include sending the material to a licensed, permitted, reclaimer or waste treatment system.

14. TRANSPORTATION REQUIREMENTS

US and Canadian Shipments:

Proper Shipping Name: Ice Melt

Hazard Classification: Not regulated when shipped domestically by land.

TRANSPORTATION EMERGENCIES: Call collect CANUTEC 613-996-6666 (24 hrs.)

SDS Prepared by: Keg River Chemical Corp. (780) 417-2463

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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