

# KegRiver

PREMIUM ICE MELTERS

CH 20  
CH 16  
CH 5

## SAFETY DATA SHEET CHINOOK 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: | <b>CHINOOK Ice Melter</b>                                                                     |
| Synonyms      | Ice melting compound with proprietary blend of Calcium Chloride, Sodium Chloride and Blue 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          | 80-90%          |
| Calcium Chloride | 010043-52-4          | 10-20%          |

**4. FIRST AID MEASURES**

|                    |                                                                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EYES:</b>       | Rinse with flowing water immediately and continuously for several minutes. Remove contact lenses. Seek medical attention if irritation develops or persists. |
| <b>SKIN:</b>       | Wash off in flowing water or shower.                                                                                                                         |
| <b>INGESTION:</b>  | 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. |
| <b>INHALATION:</b> | Remove to fresh air if effects occur. Consult a physician if not feeling well.                                                                               |

**5. FIRE FIGHTING MEASURES**

|                                        |                                 |                     |
|----------------------------------------|---------------------------------|---------------------|
| <b>FLAMMABLE PROPERTIES:</b>           | Non-flammable by WHMIS criteria |                     |
| <b>FLAMMABILITY LIMITS:</b>            | LFL: Not Applicable             | UFL: Not Applicable |
| <b>HAZARDOUS COMPOSITION PRODUCTS:</b> | Not Applicable                  |                     |

**6. ACCIDENTAL RELEASE MEASURES**

|                                 |                                                                                                                                                                                                                                                   |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PROTECT PEOPLE:</b>          | Avoid contact with eyes and skin, wash thoroughly after handling. Use appropriate safety equipment.                                                                                                                                               |
| <b>PROTECT THE ENVIRONMENT:</b> | For <b>small spills</b> (< 20 kg): losses incidental to normal handling of this product should not be harmful to the environment.<br>For <b>large spills</b> (> 1000 kg): avoid contamination of drinking water, ground water, sewers or streams. |
| <b>CLEANUP:</b>                 | 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**

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

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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

Calcium Chloride 10 mg/m<sup>3</sup>**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE/PHYSICAL STATE: Blue granular solid  
BOILING POINT: Not applicable  
CRYSTALLIZATION TEMPERATURE: Not applicable  
SOLUBILITY IN WATER: Complete  
BULK DENSITY: 1200-1500 kg/m<sup>3</sup>  
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<sub>2</sub>.  
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<sub>50</sub> >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 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.

HAZARDOUS WASTE CLASSIFICATION: Not Applicable

**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**