

# SAFETY DATA SHEET

SDS NUMBER: 1000686618-15-CAD

SDS REVISIONS: NEW

DATE OF ISSUE: 10/02/15

**BEAR TRACKS**

SUPERSEDES: NEW

**FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL - DAY OR NIGHT 1-877-615-0015 (MEDICAL) OR 1-800-792-8311 (TRANSPORTATION)**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

### 1.1 PRODUCT IDENTIFIER:

**TRADE NAME:** BEAR TRACKS ICE MELTER

**1.2 RECOMMENDED USE:** ICE MELT

### 1.3 SUPPLIER DETAILS:

CROP PRODUCTION SERVICES [CANADA]

1 East Didsbury Industrial Park • Didsbury, Alberta T0M 0W0

**1.4 24-Hour Medical Emergency Phone:** 1-877-615-0015 - **Transportation Emergency Phone:** 1-800-792-8311

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Not classified

### 2.2 Label elements

Signal word: NONE  
Hazard Statements: This mixture does not meet the criteria for classification.

Precautionary Statement: (Prevention): Observe good industrial hygiene practices.

Precautionary Statement: (Response): Wash hands after handling.

Precautionary Statement: (Storage): Store away from incompatible materials.

Precautionary Statement: (Disposal): Dispose of waste and residues in accordance with local or provincial requirements.

### 2.3 Other hazards

None known

### Potential Health effects

**Routes of exposure** Eye contact, skin contact, inhalation.

**Eyes** May cause eye irritation.

**Skin** May cause skin irritation.

**Inhalation** May cause respiratory irritation.

**Ingestion** May be irritating to mouth, throat, and stomach.

**Target organs** Skin. Eyes. Inhalation.

**Signs and symptoms** May cause irritation to the eyes, skin, gastrointestinal tract, and respiratory system.

**Potential environmental effects** This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have harmful or damaging effect on the environment.

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**3. COMPOSITION, INFORMATION ON INGREDIENTS**

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**3.2 Mixtures**

Chemical Name:	CAS No.	Classification	Concentration
		Not classified	
Sodium Chloride	7647-14-5		[%] 98.00
Urea	57-13-6		2.00

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**4. FIRST AID MEASURES**

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**4.1 Description of First Aid Measures**

General Advice: Get medical attention if symptoms occur.

<b>Eye contact:</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor if irritation persists and develops.
<b>Skin contact:</b>	Wash skin immediately with plenty of soap and water for 15-20 minutes. Call a poison control centre or doctor if irritation persists.
<b>Ingestion:</b>	Have person sip one or two glasses of water if able to swallow. Call a poison control centre or doctor if symptoms occur.
<b>Inhalation:</b>	If dust from the material is inhaled, move person immediately to fresh air. Call a poison control centre or doctor if symptoms develop.

**4.2 Most Important Symptoms and Effects, Acute and Delayed**

Symptoms : Direct contact with eyes may cause temporary irritation. Skin irritation. Respiratory tract irritation.

**4.3 Immediate Medical Attention and Special Treatment**

Treatment : Treat symptomatically. Symptoms may be delayed.

**FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-800-615-0015**

Take container, label or product name with you when seeking medical attention.

**NOTES TO PHYSICIAN:** No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

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**5. FIRE FIGHTING MEASURES**

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**5.1 EXTINGUISHING MEDIA:**Suitable Extinguishing Media: Considered non-combustible, use medium appropriate to surrounding fire. Dry chemical, carbon dioxide (CO<sub>2</sub>), foam, water spray or fog. Do not use water jet as an extinguisher.**5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:**

Specific Hazards During Firefighting: During a fire, oxides of carbon, oxides of sulfur, chlorides, and oxides of nitrogen may be produced.

**5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS**

Special Protective Equipment for Firefighters: Self-contained breathing apparatus and full protective gear should be worn in fighting large fires involving chemicals. Use water spray to keep fire exposed containers cool. Keep people away. Isolate fire and deny unnecessary entry.

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**6. ACCIDENTAL RELEASE MEASURES**

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**6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Personal Precautions: Avoid inhalation of vapours and dusts and contact with skin and eyes. Ensure adequate ventilation. Wear suitable protective clothing.

**6.2 ENVIRONMENTAL PRECAUTIONS**

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not contaminate water. Do not allow to enter drains, sewers, or watercourses.

**6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN-UP**

Methods for Clean-Up: Sweep up dry spills immediately and transfer to suitable containers for possible land application according to label use or for disposal. Check local, provincial, and national regulations for proper disposal. Never return spills to original containers for re-use.

**7. HANDLING AND STORAGE**

**7.1 PRECAUTIONS FOR SAFE HANDLING:**

Advice on Safe Handling:

Avoid breathing dusts. Avoid prolonged or repeated skin contact. Avoid eye contact. Wash hands thoroughly after handling this product. Not normally required, if vapors or dusts exceed acceptable levels, wear a MSHA/NIOSH approved pesticide respirator. Wear protective clothing: long-sleeved shirts and pants, hat, rubber boots with socks. Wear rubber or chemical-resistant gloves.

**7.2 CONDITIONS FOR SAFE STORAGE:**

Requirements for Storage Areas and Containers:

Store in a cool dry place away from children, feed and food products, and seed. Do not contaminate water, food, or feed by storage or disposal.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**8.1 CONTROL PARAMETERS:  
OCCUPATIONAL EXPOSURE LIMITS**

Workplace Exposure Level (AIHA) WEELs

Components	Type	Value	TLV® Basis
Urea (CAS: 57-13-6)	TWA	10 mg/m <sup>3</sup>	

**Biological limit values**

**ACGIH Biological Exposure Indices**

Components	Value	Specimen
No listings		

**8.2 EXPOSURE CONTROLS:**

**Engineering Measures**

Provide adequate general and local exhaust ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapours and spray mists. Provide eyewash station and safety shower.

**Individual Protection Measures:**

Eye / Face Protection : Goggles or shielded safety glasses are recommended.

Skin Protection : Chemical resistant clothing is recommended. Routinely wash work clothing and protective equipment to remove contaminants. The use of chemical-resistant gloves is recommended when handling undiluted product. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.

Respiratory Protection : In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment. Wear respiratory protection during operations where spraying or misting occurs. In the U.S.A., if respirators are used, a program should be in place to assure compliance with 29 CFR 1910.134, the OSHA Respiratory Protection standard. Wear air supplied respiratory protection if exposure concentrations are unknown.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- 9.1 APPEARANCE :** Crystalline granules  
**ODOUR:** Halogen.  
**ODOUR THRESHOLD:** No data available.  
**COLOUR:** White-coloured.  
**pH:** 6 – 9 (aqueous solution).  
**MELTING POINT / FREEZING POINT:** 801°C (1473.8°F)  
**BOILING POINT:** 1465°C (2669°F (760 mm Hg) - Initial  
**FLASH POINT:** Does not flash  
**FLAMMABILITY (solid, gas):** Does not support combustion.  
**UPPER / LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:** Not applicable.  
**VAPOUR PRESSURE:** 2.4 mm Hg @ 747°C (1376.6°F).  
**SOLUBILITY:** Soluble  
**PARTITION CO-EFFICIENT, n-OCTANOL / WATER:** No data.  
**AUTO-IGNITION TEMPERATURE:** No data available.  
**DECOMPOSITION TEMPERATURE:** Not determined  
**VISCOSITY:** Not applicable  
**SPECIFIC GRAVITY (Water = 1):** 0.96 g/mL  
**BULK DENSITY:** 960 kg/m<sup>3</sup>

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

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**10. STABILITY AND REACTIVITY****10.1 REACTIVITY**

Stable

**10.2 CHEMICAL STABILITY**

Stable under normal temperature conditions

**10.3 POSSIBILITY OF HAZARDOUS REACTIONS**

No reactions known under normal use conditions. Will not polymerize.

**10.4 CONDITIONS TO AVOID**

Excessive heat.

**10.5 INCOMPATIBLE MATERIALS**

Strong acids and oxidizers.

**10.6 HAZARDOUS DECOMPOSITION PRODUCTS**

Decomposition products can include and are not limited to: oxides of carbon, oxides of sulfur, ammonia, oxides of nitrogen, and chlorine gas.

**11. TOXICOLOGICAL INFORMATION****11.1 LIKELY ROUTES OF EXPOSURE**

Eye contact, Skin contact, Inhalation.

**LC<sub>50</sub> (rat):** No data available**LD<sub>50</sub> Oral (rat):** 3,000 mg/kg (Sodium Chloride); 8,471 mg/kg (Urea)**LD<sub>50</sub> Dermal (rat):** No data available**Acute Toxicity Estimates:** In some cases of confirmed hypertension, ingestion may result in elevated blood pressure.**Skin Irritation (rabbit):** Prolonged contact may cause temporary irritation.**Eye Irritation (rabbit):** Dust in eyes will cause irritation.**Specific Target Organ Toxicity:** Not classified.**Aspiration:** Not an aspiration hazard.**Skin Sensitization (guinea pig):** Not a sensitizer**Carcinogenicity:** No data available**Germ Cell Mutagenicity:** No data available**Interactive Effects:** None known**12. ECOLOGICAL INFORMATION****12.1 ECOTOXICITY**

The product is toxic to fish and other aquatic organisms. Large or frequent spills can have a harmful or damaging effect on the environment.

**Ecotoxicological Data**

Components	Species	Test Results
Urea	Daphnia magna	3,910 mg/l 48-hour EC <sub>50</sub>
Sodium Chloride	Daphnia magna	340.7 – 469.2 mg/l 48-hour EC <sub>50</sub>
	Oncorhynchus mykiss	4747 – 7824 mg/l 96-hour LC <sub>50</sub>

Drift or runoff may adversely affect non-target plants.

Do not apply directly to water.

Do not contaminate water when disposing of equipment wash water.

Do not apply when weather conditions favor drift from target area.

**12.2 PERSISTENCE AND DEGRADABILITY**

Biodegradability: No data available.

**12.3 BIOACCUMULATIVE POTENTIAL**

Bioaccumulation: No data available.

**12.4 MOBILITY IN SOIL**

This product is water soluble and may disperse in soil.

**12.5 OTHER ADVERSE EFFECTS**

Assessment: No data available.

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**13. DISPOSAL CONSIDERATIONS****13.1 WASTE TREATMENT METHODS**

Do not reuse containers for any purpose. Make the empty container unsuitable for further use. If there is no container collection site in your area, dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Do not contaminate water, food, or feed by storage or disposal.

**14. TRANSPORT INFORMATION****14.1 LAND TRANSPORT**

TDG Shipping Description: NOT REGULATED

**15. REGULATORY INFORMATION****15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS****NFPA & HMIS Hazard Ratings:****NFPA**

1 Health	0 Least
0 Flammability	1 Slight
0 Instability	2 Moderate
	3 High
	4 Severe

**HMIS**

1 Health
0 Flammability
0 Reactivity
A PPE

**U.S. SARA Hazard Notification/Reporting**

<b>U.S. SARA Title III Hazard Category:</b>	Immediate	<u>  N  </u>	Fire	<u>  N  </u>	Sudden Release of Pressure	<u>  N  </u>
	Delayed	<u>  N  </u>	Reactive	<u>  N  </u>		

Reportable Quantity (RQ) under U.S. CERCLA: Not applicable

U.S. SARA, Title III, Section 313: Not applicable

RCRA Waste Code: Not applicable

CA Proposition 65: Not applicable.

**16. OTHER INFORMATION**

SDS STATUS: New

PREPARED BY: Registrations and Regulatory Affairs

REVIEWED BY: Environmental Health and Safety

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