

**Cutting Edge® Pro PowerMelt+**

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

Date of issue: 03/02/2016

Version: 1.0

**SECTION 1: IDENTIFICATION****Product Identifier****Product Form:** Mixture**Product Name:** Cutting Edge® Pro PowerMelt+**Intended Use of the Product**

Ice Melt

**Name, Address, and Telephone of the Responsible Party****Company**

Blank Industries, LLC

17 Brent Drive

Hudson, MA 01749

T: 855-887-3123

[www.cuttingedgebrandproducts.com](http://www.cuttingedgebrandproducts.com)**Emergency Telephone Number****SECTION 2: HAZARDS IDENTIFICATION****Classification of the Substance or Mixture****GHS-US classification**

Not classified

**Label Elements****GHS-US Labeling** No labeling applicable**Other Hazards**

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

**Unknown Acute Toxicity (GHS-US)** Not available**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****Mixture**

| Name             | Product Identifier  | % (w/w) | GHS-US classification |
|------------------|---------------------|---------|-----------------------|
| Calcium chloride | (CAS No) 10043-52-4 | < 10    | Eye Irrit. 2A, H319   |

Full text of H-phrases: see section 16

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [Hazardous Products Act (HPA) and Hazardous Products Regulations (HPR)].

**SECTION 4: FIRST AID MEASURES****Description of First-aid Measures****General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.**Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.**Most Important Symptoms and Effects Both Acute and Delayed****General:** Under normal conditions of use not expected to present a significant hazard. During processing or physical alteration, flakes or powder cause irritation of the respiratory tract, eyes, skin, and are harmful.

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**Inhalation:** Prolonged exposure may cause irritation.

**Skin Contact:** Prolonged exposure may cause skin irritation.

**Eye Contact:** Eye contact with dust may cause mechanical irritation.

**Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** Not available

### **Indication of Any Immediate Medical Attention and Special Treatment Needed**

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## **SECTION 5: FIRE-FIGHTING MEASURES**

### **Extinguishing Media**

**Suitable Extinguishing Media:** Water spray, dry chemical, foam, carbon dioxide.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### **Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

### **Advice for Firefighters**

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Not available

### **Reference to Other Sections**

Refer to section 9 for flammability properties.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Avoid breathing dust. Avoid all contact with skin, eyes, or clothing.

#### **For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### **For Emergency Personnel**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

### **Environmental Precautions**

Prevent entry to sewers and public waters.

### **Methods and Materials for Containment and Cleaning Up**

**For Containment:** Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Recover the product by vacuuming, shoveling or sweeping. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

### **Reference to Other Sections**

See Heading 8. Exposure controls and personal protection. See Section 13, Disposal Considerations.

## **SECTION 7: HANDLING AND STORAGE**

### **Precautions for Safe Handling**

**Precautions for Safe Handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing dust. Avoid contact with skin, eyes and clothing.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### **Conditions for Safe Storage, Including Any Incompatibilities**

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

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**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

### Specific End Use(s)

Ice Melt

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government

### **Calcium chloride (10043-52-4)**

|                |                              |                     |
|----------------|------------------------------|---------------------|
| <b>Ontario</b> | OEL TWA (mg/m <sup>3</sup> ) | 5 mg/m <sup>3</sup> |
|----------------|------------------------------|---------------------|

### Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear protective gloves.

**Eye Protection:** Chemical safety goggles.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

**Other Information:** When using, do not eat, drink or smoke

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

|                                 |                 |
|---------------------------------|-----------------|
| Physical State                  | : Solid         |
| Appearance                      | : Green         |
| Odor                            | : Not available |
| Odor Threshold                  | : Not available |
| pH                              | : Not available |
| Evaporation Rate                | : Not available |
| Melting Point                   | : Not available |
| Freezing Point                  | : Not available |
| Boiling Point                   | : Not available |
| Flash Point                     | : Not available |
| Auto-ignition Temperature       | : Not available |
| Decomposition Temperature       | : Not available |
| Flammability (solid, gas)       | : Not available |
| Lower Flammable Limit           | : Not available |
| Upper Flammable Limit           | : Not available |
| Vapor Pressure                  | : Not available |
| Relative Vapor Density at 20 °C | : Not available |
| Relative Density                | : Not available |
| Specific Gravity                | : Not available |
| Solubility                      | : Not available |

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|  |   |   |
|--|---|---|
| <b>Partition Coefficient: N-Octanol/Water</b>            | : | Not available   |
| <b>Viscosity</b>   | : | Not available   |
| <b>Explosion Data – Sensitivity to Mechanical Impact</b> | : | Not expected to present an explosion hazard due to mechanical impact. |
| <b>Explosion Data – Sensitivity to Static Discharge</b>  | : | Not expected to present an explosion hazard due to static discharge.  |

### SECTION 10: STABILITY AND REACTIVITY

- Reactivity:** Hazardous reactions will not occur under normal conditions.
- Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, and incompatible materials.
- Incompatible Materials:** Strong acids, strong bases, strong oxidizers.
- Hazardous Decomposition Products:** Oxides of calcium. Chlorine oxides.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Information on Toxicological Effects - Product

- Acute Toxicity:** Not classified
- LD50 and LC50 Data:** Not available
- Skin Corrosion/Irritation:** Not classified
- Serious Eye Damage/Irritation:** Not classified
- Respiratory or Skin Sensitization:** Not classified
- Germ Cell Mutagenicity:** Not classified
- Teratogenicity:** Not available
- Carcinogenicity:** Not classified
- Specific Target Organ Toxicity (Repeated Exposure):** Not classified
- Reproductive Toxicity:** Not classified
- Specific Target Organ Toxicity (Single Exposure):** Not classified
- Aspiration Hazard:** Not classified
- Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation.
- Symptoms/Injuries After Skin Contact:** Prolonged exposure may cause skin irritation.
- Symptoms/Injuries After Eye Contact:** Eye contact with dust may cause mechanical irritation.
- Symptoms/Injuries After Ingestion:** Ingestion may cause adverse effects.

#### Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

| Calcium chloride (10043-52-4) |                            |
|-------------------------------|----------------------------|
| LD50 Oral Rat                 | 2301 (1455 - 2781) mg/kg   |
| LD50 Dermal Rat               | 2630 mg/kg                 |
| LD50 Dermal Rabbit            | > 5000 mg/kg               |
| ATE US (oral)                 | 2,301.00 mg/kg body weight |

### SECTION 12: ECOLOGICAL INFORMATION

#### Toxicity

**Ecology - General:** Not classified.

| Calcium chloride (10043-52-4) |  |
|-------------------------------|--|
| LC50 Fish 1                   | 10650 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) |
| EC50 Daphnia 1                | 2400 mg/l (Exposure time: 48 h - Species: Daphnia magna)                 |

#### Persistence and Degradability

| Cutting Edge® Pro PowerMelt+  |                  |
|-------------------------------|------------------|
| Persistence and Degradability | Not established. |

#### Bioaccumulative Potential

| Cutting Edge® Pro PowerMelt+ |                  |
|------------------------------|------------------|
| Bioaccumulative Potential    | Not established. |

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|                                      |                      |
|--------------------------------------|----------------------|
| <b>Calcium chloride (10043-52-4)</b> |                      |
| <b>BCF Fish 1</b>                    | (no bioaccumulation) |

**Mobility in Soil** Not available

### **Other Adverse Effects**

**Other Information:** Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, and international regulations

**Additional Information:** Container may remain hazardous when empty. Continue to observe all precautions.

**Ecology – Waste Materials:** Avoid release to the environment.

## SECTION 14: TRANSPORT INFORMATION

**In Accordance with DOT** Not regulated for transport

**In Accordance with IMDG** Not regulated for transport

**In Accordance with IATA** Not regulated for transport

**In Accordance with TDG** Not regulated for transport

## SECTION 15: REGULATORY INFORMATION

### **US Federal Regulations**

|  |                                 |
|--|---------------------------------|
| <b>Cutting Edge® Pro PowerMelt+</b>        |                                 |
| <b>SARA Section 311/312 Hazard Classes</b> | Immediate (acute) health hazard |

|   |  |
|---|--|
| <b>Calcium chloride (10043-52-4)</b>                                      |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |  |

### **US State Regulations**

Neither this product nor its chemical components appear on any US state lists.

### **Canadian Regulations**

|                                     |   |
|-------------------------------------|---|
| <b>Cutting Edge® Pro PowerMelt+</b> |   |
| <b>WHMIS Classification</b>         | Class D Division 2 Subdivision B - Toxic material causing other toxic effects |



|   |   |
|---|---|
| <b>Calcium chloride (10043-52-4)</b>                  |   |
| Listed on the Canadian DSL (Domestic Substances List) |   |
| <b>WHMIS Classification</b>                           | Class D Division 2 Subdivision B - Toxic material causing other toxic effects |

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision Date** :

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### **GHS Full Text Phrases:**

|               |   |
|---------------|---|
| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A |
| H319          | Causes serious eye irritation                 |

### **Party Responsible for the Preparation of This Document**

Blank Industries, LLC

T: 855-887-3123

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*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

NA GHS SDS