# SAFETY DATA SHEET

**ICE MELT (CMA) CALCIUM MAGNESIUM ACETATE BLEND**

**Product Code:** B-CMAIMXXX
**Effective Date:** Oct 29, 2026
**Version:** 2.0

## 1. PRODUCT AND COMPANY IDENTIFICATION

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|---|---|---|---|
| **Product Name** | **Ice Melt (CMA) Calcium Magnesium Acetate** | **Packaging** | 50 lb bags, Pallets |
| **Identified Uses** | Melting snow and ice on walkways, driveways, and pavements. | **Product Code** | B-CMAIMXXX |
| **Supplier Details** | **Blendmagic Products, LLC** \| PO Box 220, East Islip, NY 11730 \| Tel: (631) 572-3381 / (888) 605-4332 | | |
| **Emergency Numbers** | **24/7 CHEMTREC (USA):** (800) 424-9300 \| **International:** +1 (703) 527-3887 | | |

## 2. HAZARDS IDENTIFICATION

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|---|---|
| **Signal Word** | **NOT CLASSIFIED** |
| **GHS Classification** | Not classified as a hazardous substance or mixture according to OSHA HazCom 2012 criteria. |
| **Other Hazards** | Exposure may aggravate pre-existing eye, skin, or respiratory conditions. When heated to decomposition, emits toxic fumes. Corrosive to metals upon prolonged contact. |

**GHS Labeling**
No hazard symbols required.

### Precautionary Statements:

**Prevention & Handling:**

- Avoid breathing airborne dust particles.
- Wear safety glasses/goggles and protective gloves.
- Wash hands and forearms thoroughly after handling.

**Response & Storage:**

- **IF IN EYES:** Rinse cautiously with water for several minutes. Get medical attention if irritation persists.
- **IF ON SKIN:** Wash with plenty of soap and water.
- Store in a dry, cool, and well-ventilated area.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Component Name | CAS Number | Weight % | GHS-US Classification |
|---|---|---|---|
| **Sodium Chloride** | 7647-14-5 | 85.0% – 99.9% | Not classified |
| **Magnesium Chloride** | 7786-30-3 | 0.01% – 5.0% | Not classified |
| **Calcium Magnesium Acetate (CMA)** | 76123-46-1 | 0.01% – 5.0% | Acute Tox. 4 (Inhalation, H332); Eye Irrit. 2B (H320) |
| **Potassium Chloride** | 7447-40-7 | 0.01% – 5.0% | Aquatic Acute 3 (H402) |

*Product may contain a green color indicator for visual application tracking.

## 4. FIRST AID MEASURES

- **Inhalation:** When symptoms occur, go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a comfortable breathing position. Seek medical attention if breathing difficulty persists.
- **Skin Contact:** Remove contaminated clothing. Brush off loose particles. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists. Wash clothing before reuse.
- **Eye Contact:** Rinse cautiously with water for several minutes. Brush off loose particles from face. Remove contact lenses if present and easy to do. Continue rinsing. Obtain medical attention if irritation persists.
- **Ingestion:** Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Immediately call a POISON CENTER or doctor/physician.
- **Most Important Symptoms:** Mechanical dust irritation to eyes, nose, throat, and lungs. Prolonged contact with large amounts of dust may cause skin or eye abrasion irritation.

## 5. FIRE-FIGHTING MEASURES

- **Extinguishing Media:** Use extinguishing media appropriate for surrounding fire. Do not use a heavy water stream as it may spread fire.
- **Specific Fire Hazards:** Material is not flammable but may burn at high temperatures. Contact with water during intense fire may cause exothermic heat release. When heated to decomposition, emits toxic fumes including Hydrogen Chloride, Sodium Oxides, and Chlorine gas.
- **Protective Actions:** Firefighters should wear positive-pressure SCBA and full chemical turnout gear. Prevent firefighting runoff from entering drains or watercourses.

## 6. ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Avoid breathing dust. Avoid all contact with skin, eyes, or clothing. Wear appropriate personal protective equipment (PPE).
- **Environmental Precautions:** Prevent entry into sewers, public waters, and storm drains. Avoid release to the environment.
- **Clean-Up Methods:** Clear up spills immediately and dispose of waste safely. Recover the product by vacuuming, shoveling, or sweeping up granules. Transfer to clean, labeled disposal containers. Flush residue area with water.

## 7. HANDLING AND STORAGE

**Safe Handling Precautions:**
Handle in accordance with good industrial hygiene standards. Wash hands and exposed areas with mild soap and water before eating, drinking, or smoking. Contact with water causes an exothermic heat reaction. May release hydrogen gas on prolonged contact with certain reactive metals.

**Storage Conditions:**
Store in a dry, cool, and well-ventilated place. Keep containers closed when not in use. Protect from moisture, direct sunlight, extreme temperatures, and incompatible materials.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Component | OSHA PEL | ACGIH TLV |
|---|---|---|
| **Sodium Chloride / Nuisance Dust** | 15 mg/m³ (Total) / 5 mg/m³ (Respirable) | 10 mg/m³ (Inhalable) / 3 mg/m³ (Respirable) |
| **Calcium Magnesium Acetate (CMA)** | None established | None established |

**Engineering Controls:** Emergency eye wash fountains and safety showers should be available nearby. Ensure adequate general and local exhaust ventilation.

**Personal Protective Equipment (PPE):**
• **Eye/Face:** Chemical goggles or protective safety glasses.
• **Skin:** Chemically resistant protective gloves and clothing.
• **Respiratory:** NIOSH-approved air-purifying dust respirator where airborne concentrations exceed limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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|---|---|
| **Appearance / State** | Green colored granules. Solid |
| **Odor** | Odorless |
| **pH Value** | 10 (1% aqueous solution @ 20°C) |
| **Vapor Pressure** | Not applicable |
| **Vapor Density** | Not applicable (Air = 1.0) |
| **Specific Gravity** | Not applicable |

| | |
|---|---|
| **Solubility in Water** | Water Soluble |
| **% Volatile by Vol** | Non-volatile |
| **Boiling Point** | Not available |
| **Melting Point** | Not available |
| **Flash Point** | Non-flammable |
| **VOC Content** | 0% |

## 10. STABILITY AND REACTIVITY

- **Reactivity:** When heated to decomposition, emits toxic fumes. Contact with water causes an exothermic heat reaction. Corrosive to metals upon prolonged contact.
- **Chemical Stability:** Stable under normal storage and handling conditions.
- **Possibility of Hazardous Reactions:** No dangerous reaction known under normal conditions of use.
- **Conditions to Avoid:** Direct sunlight, moisture, extremely high or low temperatures, and incompatible materials.
- **Incompatible Materials:** Strong acids, strong bases, strong oxidizers, and reactive metals (e.g., aluminum, zinc).
- **Hazardous Decomposition Products:** Toxic gases, Hydrogen Chloride, Chlorine, Sodium Oxides, and Oxides of Magnesium.

## 11. TOXICOLOGICAL INFORMATION

**Ingredient Toxicity Endpoint Data:**
• **Sodium Chloride (7647-14-5):** Oral LD50 (Rat): 3,000 mg/kg; Inhalation LC50 (Rat, 1h): > 42 g/m³.
• **Calcium Magnesium Acetate (76123-46-1):** Inhalation LC50 (Rat, 4h): > 4,600 mg/m³.
• **Potassium Chloride (7447-40-7):** Oral LD50 (Rat): 2,600 mg/kg.

**Toxicological Hazard Classifications:**
• **Acute Toxicity:** Not classified.
• **Skin/Eye Irritation:** Mechanical dust irritation.
• **Carcinogenicity / Mutagenicity:** Not listed by IARC, NTP, ACGIH, or OSHA.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Sodium Chloride LC50 Fish (96h): 5,560 mg/L; EC50 Daphnia (48h): 1,000 mg/L. Potassium Chloride LC50 Fish (96h): 1,060 mg/L; EC50 Daphnia (48h): 825 mg/L.
**Persistence & Degradability:** Inorganic mineral salts dissociate rapidly in water. Low bioaccumulation potential. High aqueous mobility.

## 13. DISPOSAL CONSIDERATIONS

Dispose of waste material and packaging in accordance with all local, regional, national, provincial, and international regulations. Avoid release to the environment.

## 14. TRANSPORT INFORMATION

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| **US DOT / TDG** | Not Regulated for transport |
| **IMDG / IATA** | Not Regulated for transport |
| **Hazard Class / UN** | None / None |

## 15. REGULATORY INFORMATION

**US Federal Regulations:** Sodium Chloride, Potassium Chloride, and Magnesium Chloride listed on US TSCA Inventory. SARA 311/312: None. SARA 313: None.
**Canadian Regulations:** Components listed on Canadian DSL. WHMIS Classification: Uncontrolled product according to WHMIS classification criteria (Class D2B for minor CMA component).

## 16. OTHER INFORMATION

**NFPA 704 Rating:** Health: 1 | Flammability: 0 | Instability: 0
**HMIS Rating:** Health: 1 | Flammability: 0 | Physical Hazard: 0

**Effective Date:** November 11, 2026 (Version 2.0)
**Prepared By:** Blendmagic Products, LLC Technical Dept.