



Secure Winter Products, LLC

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Alpha Melt

Product Use: Anti-icing and de-icing

Company: Secure Winter Products, LLC
P.O. Box 523
Harleysville, PA

Telephone: 267-203-1609

Emergency Phone: 267-203-1609

SDS Date of Preparation: 10/21/2016

2. HAZARDS

GHS Ratings:

Eye Corrosive 2A Eye irritant: Subcategory 2A, Reversible in 21 days

GHS Ratings:

H319 Causes serious eye irritation

GHS Ratings:

P264 Wash . . . Thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection
P305+P351+P338 If IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing
P337+P313 Get medical advice/attention

Signal Word: Warning



3. COMPOSITION ON INGREDIENTS

Component	CAS No.	Amount
Sodium Chloride	7647-14-5	90%-95%
Magnesium Chloride	7791-18-6	3%-5%
Proprietary Additive	Proprietary	Proprietary

4. FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES:

EYE CONTACT: If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation persists.

SKIN CONTACT: If product contacts skin, wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.

INHALATION: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

INGESTION: If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known

SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

Exposure to this product may cause irritation to skin and eyes. Inhalation of dust may cause irritation to respiratory system. May be harmful if swallowed with digestive tract irritation and vomiting.

RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and eliminate overexposure.

5. FIRE FIGHTING MEASURES

Suitable (and Unsuitable) Extinguishing Media: Use media appropriate for surrounding fire.

Specific hazards arising from the chemical: Thermal decomposition may yield hydrogen chloride, halogenated compounds, and chlorine gas.

Special Protective Equipment and Precautions for Fire-Fighting Instructions: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Aqueous solutions may cause surfaces to be extremely slippery and cause a slip hazard.

6. ACCIDENTAL RELEASE MEASURES

Cleanup procedures: Sweep spill, repackage in labeled container and reuse.

7. HANDLING AND STORAGE

Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other fertilizers, food, or feed. Store in original containers and out of the reach of children, preferably in a locked storage area.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Exposure Guidelines:

Sodium Chloride	None Established
Magnesium Chloride	None Established
Proprietary Performance Additive	None Established

EXPOSURE CONTROLS:

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: Not normally required when using this product. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

EYE PROTECTION Safety glasses or goggles are recommended to prevent eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

HAND PROTECTION: Protective gloves are recommended to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

BODY PROTECTION: Use body protect appropriate to task being performed. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Orange

Odor: None

Physical State: Solid	Odor Threshold: Not Applicable
Vapor Density: Not Applicable	Initial Boiling Point/Range: Not established
Solubility In Water: 92-99%	Vapor Pressure: Not determined
Relative Density: Not Applicable	Evaporation Rate: Not Available
Melting/Freezing Point: Not Applicable	pH: Not Applicable
VOC Content: Not determined	Octanol/Water Coefficient: Not determined
Solubility (other): Not determined	Decomposition Temperature: Not determined
Viscosity: Not Available	Flammability (solid, gas): Not Applicable
Flashpoint: Not Applicable	Autoignition Temperature: Not determined
Flammable Limits: LEL: Not Applicable	

10. STABILITY AND REACTIVITY

REACTIVITY:

This product is not reactive.

STABILITY:

Stable under conditions of normal storage and use.

POSSIBILITY OF HAZARDOUS REACTIONS:

CONDITIONS TO AVOID:

Incompatible materials

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:

Strong acids

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition products include hydrochloric acid

11. TOXICOLOGICAL INFORMATION

TOXICITY DATA:
Oral, Rate: LD50=3,069 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available
Persistence and Degradability: Biodegradation is not applicable to inorganic substances.
Bioaccumulative Potential: No data available
Mobility in Soil: No data available
Other Adverse Effects: None known

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state, and federal environmental regulations.

14. TRANSPORT INFORMATION

Proper Shipping Name: Not regulated
Hazard Class/Packing Group: Not Regulated
Labels Required: Not Regulated

15. REGULATORY INFORMATION

CERCLA: This product is not subject to CERCLA release reporting. Many states have more stringent release reporting requirements. Report spills required under federal, state, and local regulations.

SARA Hazard Category (311/312): Not Hazardous

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None

EPA TSCA Inventory: All of the ingredients in this product are listed on the EPA TSCA Inventory.

CANADA:

This product has been classified under the CPR and this SDS discloses information elements required by the CPR.

Canadian CEPA: All the components of this product are listed on the Canadian DSL.

Canadian WHMIS Classification: Not classified as dangerous

16. OTHER INFORMATION

NFPA Rating: Health = 0

Flammability = 0

Instability = 0

HMIS Rating: Health = 1

Flammability = 0

Physical Hazard = 0

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