

Material Safety Data Sheet

Chemical Product and Company Identifications:

Product Name: Melt Away Product # 5183
Related CAS Numbers: 50-21-5 Bare Ground concentrate, 7791-18-6 Magnesium Chloride
Manufactured For: Superco Specialty Products, 25041 Anza Drive, Valencia, CA 91355
Information Telephone: 661-775-8877

Composition/Information on Components:

Component	% Comp.	OSHA/PEL	ACGIH/TLV
Bare Ground Solution	10-30%	None	None
MgCl2 (30% Solution)	70-90%	None	None

Routes of Entry:

Eyes- Yes
Ingestion- Yes
Inhalation- Yes
Skin Absorption- Yes

Health Effects:

Eyes- May cause irritation and may injure eye tissue if not removed.
Ingestion- Drink water. Large doses may cause GI discomfort.
Inhalation- Vapors may be irritating to the respiratory system and nasal passage.
Skin Absorption- Prolonged or repeated contact may cause irritation.

Hazard Identification:

Note: This product contains lactic acid. Repeated or prolonged exposure to lactic acid may lead to dental erosion, jaw necrosis, bronchial pneumonia and may cause conjunctivitis.

Emergency First Aid Measures:

Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids.
Ingestion: If gastrointestinal irritation develops, consult medical personnel.
Inhalation: Remove to fresh air. If respiratory symptoms develop, consult m9 Material Safety Data Sheet.

Physical and Chemical Properties:

Appearance/Odor- Golden amber color w/mild odor
Physical Description- Liquid pH5.0-6.0
Boiling Point- 212 degree F - 215 degree F
Melting Point- Not noted
Solubility in Water- Complete
Density- 1.4g/cm³
Evaporation Rate- Slower than water
Percent by weight (%) Moisture- <25% (water)
Pure Material or Mixture- Mixture
Specific Gravity- 1.29
Volatile Organic Components- N/A

Stability and Reactivity:

Stability-	Stable
Conditions to Avoid-	None
Incompatibility-	Not reactive
Hazardous Decomposition-	Hydrogen Chloride byproduct when heated to >572 degrees F
Hazardous Polymerization-	Will not occur

Toxicological Information:

Toxicity Hazard Rating-	Not currently listed under SARA Title II
OSHA Hazardous/Non-Hazardous-	Non-Hazardous
Ecological Information-	Material does not cause significant environmental impact
Disposal Considerations-	For disposal of this material as a waste, comply with all applicable local, state and federal regulations for waste disposal.

Transport Information:

DOT-	Not restricted
IATA-	Not restricted
HMS Labeling-	Exempt

Regulatory Information:

SARA Title III Classification-	Not currently listed as toxic chemical under 40 CFR section 372.65
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Other Information:

For more information contact: Superco Specialty Products, 25133-A Anza Drive, Valencia, CA 91355
Phone: 661-775-8877
Date Preedical personnel.

Skin Absorption:

Flush with large amounts of water, use soap if available.

Fire Fighting Measures:

Flash Point-	N/A (not applicable)		
Flammable Limits-	Upper limit: N/A		Lower limit: N/A
Auto-Ignition Temperature-	N/A		
Fire and Explosion Hazard-	Negligible fire hazard		
Extinguishing Methods-	Dry Chemical, CO2, Water fog, Alcohol Foam		
Neutralizing Chemicals-	None		
Special Firefighting-	No special procedures required		
Precautionary Statement-	None		
NFPA Hazard code-	Health 0	Flammability 0	Reactivity 0

Accidental Release Measures:

Spills should be contained and taken up with suitable absorbant and placed in containers. Spill area can be washed with water.

Exposure Control / Personal Protection:

Respiratory-	If high vapor or mist concentrate, a respirator is recommended.
Ventilation-	Use local exhaust to control mist.
Gloves-	Impervious gloves are recommended
Eye Protection-	Safety glasses with side shields or chemical goggles if mist is present.
Clothing-	Appropriate clothing to prevent skin contact with this substance
Amounts of water for at least 15 minutes lifting upper and lower lids. Ingestion if gastrointestinal irritation develops. Consult medical personnel.	