



Chemical Product and Company Identifications

Product Name: Bare Ground Performance Plus M, Ice Ban Performance Plus

Related CAS Numbers: 50-21-5 Bare Ground concentrate 7791-18-6
Magnesium Chloride

Manufacturer: Bare Ground Systems, 92 Bolt Street, Lowell, MA 01852
Telephone for Information: 888-800-8356

Composition/Information on Components:

Component	% Comp.	OSHA/PEL	ACGIH/TLV
Bare Ground Solution	10-30%	None	None
MgC12 (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/cm 3
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-degrees F	Hydrogen Chloride byproduct when heated to >572
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-	Nor restricted
IATA-	Not restricted
HMIS Labeling-	Exempt

Regulatory Information:

SARA Title III Classification-

Not currently listed as toxic chemical under 40 CFR section 372.65

Other Information:

For more information contact: Bare Ground Systems, 92 Bolt Street, Lowell, MA
01852 Phone Toll Free: 888-800-8356

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	Upper 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.	