

# Material Safety Data Sheet

May be used to Comply with  
OSHA's Hazard Communication Standard 29 CFR 1910.  
Standard must be consulted for specific requirements

## U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form) Form Approved OMB No. 1218-0072

### Identity (As Used On Label and List)

PL9909	Proline EFP Ice Melt	NOTE: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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### Section I—Manufacturer's Name

(Address, Street, City, State, & Zip Code)

### HAZARD RATING

Earth Friendly Products  
Midwestern Division  
111. Rohlwing Rd.  
Addison, IL 60101

#### Emergency Telephone Number

Chemtrec 1-800-424-9300

#### Telephone Number for Information

(630) 595-1900

#### Date Prepared

Revised: 6/7/10

HEALTH 0

FLAMMABILITY 0

REACTIVITY 0

#### Protective Equipment:

None required

0 - Minimal  
1 - Slight  
2 - Moderate  
3 - Serious  
4 - Extreme

### Section II—Hazardous Ingredients / Identity Information

Hazardous Components (Specify Chemical Identity, Common Names)

OSHA PEL

ACGIH TLV

Other Limits  
Recommended

% (optional)

None

### Section III—Physical Chemical Characteristics

Boiling Point	320° F	Specific Gravity (WATER =1)	1.6 @ 77°F
Vapor Pressure	0.009 mmHg @ 20°C	Melting Point	Approx. 244° F
Vapor Density	N/A	Evaporation Rate	N/A
Solubility in Water	Very soluble		
Appearance and Odor	Off white, odorless pellets		

### Section IV—Fire and Explosion Hazard Data

Flash Point	Flammable Limits	LEL	UEL
None	N/A	N/A	N/A

#### Extinguishing Media

Water spray, carbon dioxide, dry chemical

#### Special Fire Fighting Procedures

Use self-contained breathing apparatus.

#### Unusual Fire and Explosion Hazards

None

## Section V—Reactivity Data

PL9909 / Proline EFP Ice Melt

Page 2

Stability	Unstable	Conditions to Avoid Decomposes greater than 350°F		
	Stable			
	X			
Incompatibility (Materials to Avoid)	Metals will slowly corrode in aqueous magnesium chloride solutions. Aluminum (and its alloys) and yellow brass will be attacked by magnesium chloride. Product attracts moisture and gives off heat while dissolving. Strong oxidizing agents will release chlorine.			
Hazardous Decomposition or Byproducts	When heated to decomposition it emits corrosive hydrochloric acid vapor. When heat to temperatures greater than 300°C will emit toxic fumes of chlorine gas.			
Hazardous Polymerization	May Occur		Conditions to Avoid	Heat, moisture, incompatibles
	Will Not Occur	X		

## Section VI—Health Hazard Data

Route(s) of Entry:	Inhalation?	Yes	Skin?	Yes	Ingestion?	Yes
Health Hazards (Acute and Chronic)						
Acute: may cause minor Eye and Skin irritation						
Ingestion: may cause abdominal pain, vomiting and diarrhea may be only symptoms.						
Chronic: None Known						

Carcinogenicity:	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
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Signs and Symptoms of Exposure	Eye and skin irritation.
Medical Conditions Generally Aggravated	None known
Emergency and First Aid Procedures	Eyes-irrigate with flowing water immediately for 15 minutes. Consult medical personnel Skin-wash with soap and water. If irritation persists, call a physician Ingestion-call a physician Inhalation-remove to fresh air.

## Section VII—Precautions For Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled	Sweep up and return to container or discard. Flush area with water.
Waste Disposal	In accordance with federal, state and local regulations.
Precautions to be Taken in Handling and Storage	Keep away from moisture and store in a cool, dry place.
Other Precautions	Keep away from children.

## Section VIII—Control Measures

Respiratory Protection (Specify Type)		If required, use an approved Dust Respirator			
Ventilation	Local Exhaust	N/A		Special	None necessary
	Mechanical (General)	Only if mechanical is inadequate.		Other	None necessary
Protective Gloves	Rubber or PVC		Eye Protection	Goggles	
Other Protective Clothing or Equipment	Eye wash station		Work / Hygienic Practices	Observe good personal hygiene. Wash hands before eating, avoid inhalation or ingestion.	

**Section IX ----- Transportation Information**

U.S. DOT Information	Not regulated by D.O.T.
Proper Shipping Name:	N/A
UN/NA Number:	N/A
Hazard Class/Division:	N/A
Packing Group:	N/A
Label (s):	N/A
Placard (s):	N/A