

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)

9773	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 44 Green Bay Road Winnetka, IL 60093	Emergency Telephone Number INFOTRAC 1-800-535-5053	HEALTH 1	0 - Minimal 1 - Slight
	Telephone Number for Information (630) 595-1900	FLAMMABILITY 0	2 - Moderate 3 - Serious
	Date Prepared	REACTIVITY 1	4 - Extreme
	Revised: 12/6/06	Protective Equipment: Goggles, Gloves	

Section II—Hazardous Ingredients / Identity Information	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Hazardous Components (Specify Chemical Identity, Common Names)				
Magnesium Chloride CAS# 7786-30-3	None	None	None	

Section III—Physical Chemical Characteristics

Boiling Point	320 F	Specific Gravity (WATER =1)	1.6 @ 77F
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	None		

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

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.			
Hazardous Decomposition or Byproducts	None			
Hazardous Polymerization	May Occur		Conditions to Avoid	None
	Will Not Occur	X		

Section VI-Health Hazard Data

Route(s) of Entry:	Inhalation?	No	Skin?	Yes	Ingestion?	Yes
Health Hazards (Acute and Chronic)						
Acute: Eye and skin irritation.						
Chronic: None known.						
Carcinogenicity:	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A			

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 or return to container or discard. Flush area with water.					
Waste Disposal	In accordance with federal, state & 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	Not necessary
	Mechanical (General)	Only if mechanical is inadequate			Other	Not 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.	