



Material Safety Data Sheet

NFPA	HCS Risk Phrases	Protective Clothing
	HCS Class: Irritating substance	Splash goggles Respirator Gloves

Section I. Chemical Product and Company Identification

Common Name/ Trade Name	GYPSUM RETARDER	Last Update	03/01/2008
Supplier/ Manufacturer:	FRITZ-PAK CORPORATION 4821 Eastover Circle Mesquite, TX 75149 U.S.A. Tel: 214-221-9494 Fax: 214-349-3182		
Chemical Family	Polymer	Material Uses	Gypsum Retarder

Section II. Composition and Information on Ingredients:

Name	CAS #	% by Weight	TLV/PEL	LC ₅₀ /LD ₅₀
Ca-salt of Amino acid	Polymer	>90		LD 50 (mg/kg): > 2000

Section III. Hazards Identification

Human Health Hazards	Irritating for eyes and skin.
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Section IV. First Aid Measures

Eye Contact	Wash with plenty of water for 10 minutes. Seek medical advice immediately.
Skin Contact	Take off immediately all contaminated clothing. Wash with plenty of water. Seek medical advice.
Inhalation	Go out for fresh air. Seek medical advice.
Ingestion	Wash mouth with plenty of water. Seek medical advice immediately.

Section V. Fire and Explosion Data - Non-Flammable

Extinguishing Media Suitable	Foam, powder extinguisher, water, CO ₂ .
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Section VI. Accidental Release Measures

Personal Precautions	Avoid eye and skin contact, wear personal protection equipment, avoid dusting, remove ignition sources.
Precautions for environmental protection	Prevent pollution of sewers and waters.
Steps for cleaning	Mechanical sweep up and dispose according to local regulations.

Section VII. Handling and Storage

Handling	Wear personal protection equipment.. Avoid dusting and ignition sources.
Storage	Keep dry and cool in well-ventilated areas. Keep containers tightly closed.

Section VIII. Exposure Controls/Personal Protection

Engineering Measures	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
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Section IX. Physical and Chemical Properties

Physical state and appearance	Solid (powder)	Odor	Noticeable
Melting Point	>200 °C	Color	Light brown
Bulk density	380 (approx)	pH	12-13
Solubility	Easy soluble		
Flash Point	Not applicable		
Explosive Hazard	Not applicable		

Section X. Stability and Reactivity Data

Stability The product is stable.

Section XI. Toxicological Information

Acute Toxicity ORAL (LD50): >2000mg/kg [Rat].



Section XII. Ecological Information

Persistence/degradability The product is readily biodegradable.

Section XIII. Disposal Considerations

Waste Disposal Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

Section XV. Other Regulatory Information and Pictograms

Federal and State Regulations	Not available		
Other Classifications	WHMIS (Canada)	Not controlled under WHMIS (Canada)	
	DSCL (EEC)	R36/38– Irritating to eyes and skin.	
HMIS (U. S. A.)	Health Hazard	2	National Fire Protection Association (U. S. A.)
	Fire Hazard	0	
	Reactivity	0	
	Personal Protection	e	
			Health  Fire Hazard
			Reactivity Specific Hazard
WHMIS (Canada) (Pictograms)	Not controlled under WHMIS (Canada)		
TDG (Canada) Pictograms			

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