



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	FR-1	Last Update	03/01/2014
Supplier/ Manufacturer:	FRITZ-PAK CORPORATION 4821 Eastover Circle Mesquite, TX 75149 U.S.A. Tel: 214-221-9494 Fax: 214-349-3182		

Section II. Composition and Information on Ingredients:

Name	CAS #	% by Weight	TLV/PEL	LD ₅₀
Calcium Lignosulphonate	8061-52-7	90	n/a	>15,000 mg/kg
Water	7732-18-5	10		

Section III. Hazards Identification - None

Section IV. First Aid Measures

Eye Contact	IMMEDIATELY flush eyes with running water.
Skin Contact	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention.
Inhalation	May be irritating to the respiratory tract. Treat as nuisance dust.
Ingestion	Have conscious person drink several glasses of water or milk. Seek medical attention.

Section V. Fire and Explosion Data - Non-Flammable

Section VI. Accidental Release Measures

All Spills	Use appropriate tools to put the spilled solid in a convenient waste disposal container.
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Section VII. Handling and Storage - No specific storage required.

Section VIII. Exposure Controls/Personal Protection

Engineering Controls	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.
Personal Protection	Splash goggles. Dust respirator.

Section IX. Physical and Chemical Properties

Physical state and appearance	Solid	Odor	Smoky. Sweet.
pH (1% soln)	4-5	Color	Brown (Light).
Specific Gravity	N. A.		
Volatility	N. A.		
Water/Oil Dist. Coeff.	N. A.		
Solubility	N. A.		

Section X. Stability and Reactivity Data - Product is stable**Section XI. Toxicological Information**

Routes of Entry Ingestion. Inhalation


Section XII. Ecological Information - Not Available**Section XIII. Disposal Considerations**

Waste Disposal Landfill

Section XIV. Transport Information - Non-Hazardous**Section XV. Other Regulatory Information and Pictograms**

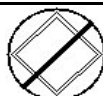
Federal and State Regulations Not available

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.)	Health  Fire Hazard	
	Fire Hazard	0			
	Reactivity	0			Reactivity Specific Hazard
	Personal Protection	e			

WHMIS (Canada) (Pictograms)	Not controlled under WHMIS (Canada)
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TDG (Canada) Pictograms



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