



Material Safety Data Sheet

NFPA	HCS Risk Phrases	Protective Clothing
	Not controlled under the HCS (United States)	Safety glasses Respirator

Section I. Chemical Product and Company Identification

Common Name Trade Name	NS-7	Last Update	01/31/2005
Supplier/ Manufacturer:	FRITZ-PAK CORPORATION 11220 Grader Street, Suite 600 Dallas, TX, 75238, U. S. A. Tel: 214-221-9494 Fax: 214-349-3182		

Section II. Composition and Information on Ingredients:

Name	CAS #	% by Weight	TLV/PEL	LC ₅₀ /LD ₅₀
Aluminum	7429-90-5	1-3	TWA: 10 (ppm)	N. A.

Section III. Hazards Identification

Potential Health Effects	Slightly dangerous in case of inhalation. Very slightly dangerous in case of skin contact (irritant, permeator), eye contact (irritant), ingestion.
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Section IV. First Aid Measures

Eye Contact	Rinse with water for a few minutes
Skin Contact	No known effect on skin contact. Rinse with water for a few minutes.
Inhalation	Allow the individual to rest in a well ventilated area. Seek immediate medical attention
Ingestion	Have conscious person drink several glasses of water or milk. INDUCE VOMITING by sticking finger in throat. 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

Precautions	DO NOT breath dust. In case of insufficient ventilation wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Keep away from incompatibles such as oxidizing agents.
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Section VIII. Exposure Controls/Personal Protection

Engineering Controls	If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection	Safety glasses. Dust respirator. Be sure to use MSHA/NIOSH approved respirator or equivalent.

Section IX. Physical and Chemical Properties

Physical state and appearance	Solid	Odor	No appreciable odor.
pH (1% soln)	4.5 (Acidic)	Color	Light Tan
Specific Gravity	Weighted average: 2.43 (Water = 1)		
Volatility	2.5% (v/v)		
Solubility	Partially soluble in water.		

Section X. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with various substances	Slightly reactive to reactive with oxidizing agents. Very slightly reactive with moisture.

Section XI. Toxicological Information

Routes of Entry	Ingestion. Inhalation
Toxicity to Animals	Acute oral toxicity (LD50): 3160 mg/kg (Rat).
Special Remarks on other Toxic Effects on Humans	Material is irritating to mucus membranes and upper respiratory track.

Section XII. Ecological Information - Not Available

Products of Biodegradation	Possibly hazardous short term degradation products are not likely.
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Section XIII. Disposal Considerations

Waste Disposal	Customary plan procedures for industrial waste treatment.
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Section XIV. Transport Information - Non-Hazardous

DOT Classification	Not a DOT controlled material (United States)
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Section XV. Other Regulatory Information and Pictograms

HMIS (U. S. A.)	Health Hazard	1	National Fire Protection Association (U. S. A.)	Health  Fire Hazard	
	Fire Hazard	0			
	Reactivity	1			Reactivity
	Personal Protection	a			Specific Hazard

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