



# Material Safety Data Sheet

NFPA	HCS Risk Phrases	Protective Clothing
	HCS Class: Irritating substance	Splash goggles Dust Respirator Gloves Work uniform or laboratory coat

## Section I. Chemical Product and Company Identification

Common Name/ Trade Name		<b>FRITZ-PAK NCA</b>	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			
Chemical Family	Calcium Diformate	Material Uses	Concrete Additive	

## Section II. Composition and Information on Ingredients:

Name	CAS #	% by Weight	TLV/PEL	LC <sub>50</sub> /LD <sub>50</sub>
Calcium Diformate	544-17-2	>90	N/A	2560 mg/kg [rat]

## Section III. Hazards Identification

Human Health Hazards	Risk of serious damage to eyes.
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## Section IV. First Aid Measures

Eye Contact	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.
Skin Contact	Immediately flush skin with plenty of water. Remove contaminated clothes and shoes. Get medical attention if irritation develops.
Inhalation	Remove victim from area of exposure if possible.
Ingestion	Make victim drink water. If large quantities of this material are swallowed, call a physician immediately.

## Section V. Fire and Explosion Data - Non-Flammable

Extinguishing Media Suitable	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, for or foam. Do not use jet water.
Protection for Fire Fighters	A self-contained breathing apparatus should be used to avoid inhalation of the product.

## Section VI. Accidental Release Measures

Personal Precautions	Avoid contact with skin and eyes. Do not breathe dust. Use suitable protective equipment (Section VIII).
Environmental Precautions and Clean-Up Methods	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

## Section VII. Handling and Storage

Handling	Ventilation is normally required what handling or using this product. Take precautionary measures against electrostatic discharges.
Storage	Keep container tightly closed. Keep container dry.

## 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.
Hygiene Measures	Wash thoroughly after handling.

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**Section IX. Physical and Chemical Properties**

Physical state and appearance	Solid (powder)	Odor	Odorless
Melting Point	>380C	Color	Off-white
Density	2 g/cm <sup>3</sup> (20°C)		
Solubility	Soluble in cold water		
Flash Point	Not applicable		
Explosive Properties	Not applicable		

**Section X. Stability and Reactivity Data**

**Stability** The product is stable.

**Section XI. Toxicological Information**

Eye Contact	Risk of serious damage to eyes.
Acute Toxicity	ORAL (LD50): 2560mg/kg [Rat].
Skin Irritation	Non-irritant for skin.
Eye Irritation	Irritating to eyes
Mutagenic effects	Ames Test: Negative

**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 XIV. Transport Information - Non-Hazardous**


**DOT Classification** Not a DOT controlled material (United States)

**DOT Pictograms**

**Section XV. Other Regulatory Information and Pictograms**

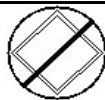
**Federal and State Regulations** Not available

<b>Other Classifications</b>	<b>WHMIS (Canada)</b>	Not controlled under WHMIS (Canada)
	<b>DSCL (EEC)</b>	R41 Irritating to eyes.

<b>HMIS (U. S. A.)</b>	<b>Health Hazard</b>	2	<b>National Fire Protection Association (U. S. A.)</b>	<b>Health</b> 	<b>Fire Hazard</b>	
	<b>Fire Hazard</b>	1				
	<b>Reactivity</b>	0				<b>Reactivity Specific Hazard</b>
	<b>Personal Protection</b>	a				

**WHMIS (Canada) (Pictograms)**

**TDG (Canada) Pictograms**



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