



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	Fritz-Pak Expo-Rock
Supplier/ Manufacturer:	FRITZ-PAK CORPORATION 11220 Grader Street, Suite 600 Dallas, TX, 75238, U. S. A. Tel: 214-221-9494 Fax: 214-349-3182
	Last Update: 01/31/2005

Section II. Composition and Information on Ingredients for Personal Protection

Name	CAS #	LC ₅₀ /LD ₅₀
Soda Ash	497-19-8	Oral (LD ₅₀) mg/kg: Acute 5140 (Rat.) Dermal (LD ₅₀) mg/kg : Acute: 4000 (Rabbit)

Section III. Hazards Identification

Potential Acute Health And Chronic Effects	Slightly dangerous in case skin contact (irritant), eye contact (irritant), ingestion, inhalation (irritant). Corrosive to eyes and skin.
---	---

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. COLD water may be used. DO NOT use an eye ointment. Seek medical attention.
Skin Contact	Remove contaminated clothes and place the individual under a shower. Wash the contaminated skin with running water and non-abrasive soap. Seek medical attention.
Inhalation	Allow the individual to rest in a well ventilated area. Seek immediate medical attention.
Ingestion	If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Have conscious person drink several glasses of water or milk. Seek immediate medical attention.

Section V. Fire and Explosion Data - Non-Flammable

Section VI. Accidental Release Measures

Small Spill	Place the spilled solid in a convenient waste disposal container.
Large Spill	Avoid runoff to ground water, surface waters, and sewers.

Section VII. Handling and Storage

Precautions	Keep container dry. Keep away from heat. Keep away from sources of ignition. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes. Keep away from incompatibles such as acids.
Storage	Keep material dry. Keep in a cool place.

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.
Personal Protection	Splash goggles. Wear appropriate respirator when ventilation is inadequate.

Continued on Next Page

Section IX. Physical and Chemical Properties

Physical state and appearance	Solid.
pH (1% soln/water)	10 ~ 11
Dispersion Properties	See solubility in water.
Solubility	Soluble in cold water and hot water.

Section X. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with various substances	Reactive with acids. Reactive with bleaching agents (oxidizers).
Corrosivity	Slightly corrosive to corrosive in presence of aluminum.

Section XI. Toxicological Information

Routes of Entry	Ingestion. Inhalation.
Toxicity to Animals	Acute oral toxicity (LD50): > 5000 mg/kg (Rat) Acute dermal toxicity (LD50): 4000 mg/kg (Rabbit)
Chronic Effects on Humans	Toxicity of the product to the reproductive system: Not available.

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


Waste Disposal	Recycle to process, if possible. Consult your local or regional authorities.
----------------	--

Section XIV. Transport Information

DOT Classification	Not Regulated
Proper Shipping Name	
DOT Identification Number	
DOT (Pictograms)	

Section XV. Other Regulatory Information and Pictograms**Federal and State Regulation**

Other Classifications	WHMIS (Canada)	WHIMS Class E
-----------------------	----------------	---------------

HMIS (U. S. A.)	Health Hazard	2	National Fire Protection Association (U. S. A.)	Health  Fire Hazard	
	Fire Hazard	0			Reactivity
	Reactivity	0			Specific Hazard
	Personal Protection	j			

WHMIS (Canada) Not Regulated
(Pictograms)

TDG (Canada) Not Regulated
(Pictograms)

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Fritz-Pak Corporation assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.