

MATERIAL SAFETY DATA SHEET



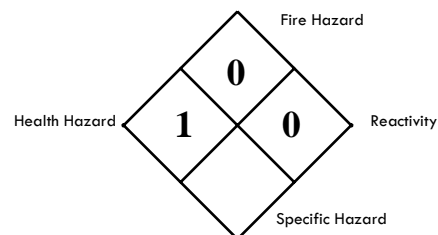
Texas Correctional Industries
Texas Department of Criminal Justice

Date Issued: April 2012

Supersedes: January 2008

NFPA HAZARD RATING

4- SEVERE
3- SERIOUS
2- MODERATE
1- SLIGHT
0- INSIGNIFICANT



SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Fire Quench**
General Use: Liquid Fire-Quenching Chemical
Manufacturer Name: Texas Correctional Industries
Roach Soap & Detergent Plant
15845 Fm 164
Childress, TX 79201

Emergency Telephone Numbers

Galveston Texas Poison Control: **1-800-764-7661**
Roach Soap & Detergent Plant Lab: 940-937-6364 EXT. 7392
MSDS available at: www.tci.tdcj.state.tx.us
Monday thru Thursday: 5:30 AM – 3:30 PM

SECTION 2 - HAZARDOUS INGREDIENT

Chemical/Common Name	CAS No.	PERCENT	ACGIH/OSHA (TWA)		WHMIS
			TLV	PEL	
Benzene Sulfonic Acid, Linear Alkyl, Sodium Salt	68411-30-3	12 - 14	Unknown	Unknown	1%
Sodium Hydroxide	1310-73-2	4 - 5	Unknown	Unknown	1%
Diethanolamine	111-42-2	<0.3	2 mg/m ³	None	1%
Ethylene Oxide	75-2-8	<0.004	1 ppm	1 ppm	0.1%

N/A= Not Applicable

N/D = Not Determined

WHMIS – minimum amount necessary in a mixture to trigger reporting: 1% (hazardous chemical); 0.1% (extremely hazardous chemical)

SECTION 3 - PHYSICAL PROPERTIES

Vapor Pressure : N/D
Specific Gravity (water = 1) : 1.06
Solubility in Water : Complete
pH : 6.5 – 8.5
Boiling Point : N/D
Appearance and Odor : Clear viscous light straw color

SECTION 4 - FIRE AND HAZARD DATA

Flammable Limit : N/A
Physical Hazard : None
Extinguishing Media : Water, foam, dry chemicals, or carbon dioxide
Fire Extinguishing Procedure : Use of respiratory equipment is recommended in enclosed areas
Fire and Explosive Hazard : None

SECTION 5 - REACTIVE DATA

Hazardous Decomposition : Oxides of Carbon, Nitrogen, and Sulfur
Stability : Stable
Incompatibility : None

SECTION 6 - HEALTH HAZARD

Primary Route of Exposure : Eyes, skin, mouth (oral)
Signs and Symptoms of Over Exposure (acute)
 Eyes : May cause eye irritation
 Skin : May cause redness or rash
 Ingestion : May cause gastrointestinal irritation
 Inhalation : N/A
Signs and Symptoms of Over Exposure (chronic) : Eye, skin irritation
Medical condition aggravated by over exposure : Not known
Carcinogen or suspect of carcinogen ingredients : None

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURE

Eyes : Immediately flush eyes with plenty of water for at least 15 min. If irritation persists, get medical attention.
Skin : Flush with copious amounts of water. Remove contaminated clothing and seek medical attention if irritation persists.
Ingestion : Rinse mouth thoroughly. Drink plenty of water. Do not induce vomiting unless directed by physician.
Move person to fresh air if irritation, headache, drowsiness, or nausea occurs. Seek medical attention if breathing
Inhalation : becomes difficult or if any irritation should persist.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection : This is not required with normal use.
Ventilation Requirement : Local exhaust or air movement is good
Protective Gloves : None
Eye Protection : None necessary

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be taken if released or spilled : Adequately ventilate the area. Gather all material practical for salvage or disposal.
Avoid the release of large quantities into water outfalls or water treatment facilities.
Waste disposal method : Any unsalvageable material must be disposed in compliance with local, state, and federal laws and regulations. Do not dump into sewers, on the ground, or into any bodies of water.

SECTION 10 - STORAGE AND HANDLING

Store in a cool dry area above 60°F. Protect this product from freezing. Keep out of the reach of children

SECTION 11 – OTHER INFORMATION

NFPA RATINGS: HEALTH 1, FLAMMABILITY 0, REACTIVITY 0

This hazard rating system (NFPA) information is solely intended for the use by individuals trained in the particular system.

Federal Hazardous Substances Act statutes and Consumer Product Safety Commission regulations: 16 CFR 1500.14(b)(3) and 1500.83(a)(13).

MSDS Format: ANSI Z400.1-2004

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Note: Product should be used as directed on the label. No warranty is implied expressly or otherwise regarding the accuracy of the information in the product's suitability for the consumer's use and the outcome of its use. The technical accuracy of the information submitted herein is based on the data submitted to TCI by the manufacturers for the materials used in this finished product.
