

MATERIAL SAFETY DATA SHEET

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Texas Correctional Industry

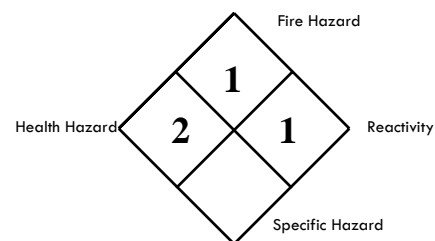
A division of the
Texas Department of Criminal Justice

Date Issued: January 2008

Supersedes: November 2007

NFPA HAZARD RATING

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



SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: **HI LITE**
General Use: Liquid Detergent Cleaner
Manufacturer Name: Texas Correctional Industry
 Soap & Detergent Plant
 One Circle Drive
 Sugar Land, Texas 77478

Emergency Telephone Numbers
 Galveston Texas Poison Control: **1-800-764-7661**
 Soap & Detergent Plant Lab: 281-490-1111
 MSDS available at: www.tci.tdcj.state.tx.us
 Monday thru Thursday: 7 a.m. - 4 p.m.

SECTION 2 - HAZARDOUS INGREDIENT

Chemical/Common Name	CAS No.	PERCENT	ACGIH/OSHA		WHMIS
			TWA	PEL	
Aryl organic phosphoric acid ester	7664-38-2	>10	N/D	1 mg/m ³	N/D
C12-C14 linear alcohol ethylene oxide	68439-51-0	>4	N/D	N/D	N/D
Ethylene oxide*	75-21-8	<0.004	1 ppm	1 ppm	0.1%
Propylene oxide	75-56-9	<0.004	2 ppm	100 ppm	
Phosphoric acid	7664-38-2	<1.0	1 mg/m ³	1 mg/m ³	1%

N/A= Not Applicable

N/D = Not Determined

*Listed: SARA TITLE III, SECTION 313; CERCLA Reportable = 1000; Clean Air Act; RCRA

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

SECTION 3 - PHYSICAL PROPERTIES

Specific Gravity (water = 1) : 1.020
 Solubility in Water : Complete
 pH : 7 – 8.5
 Boiling Point : N/D
 Appearance and Odor : Pink liquid, mild odor

SECTION 4 - FIRE AND HAZARD DATA

Flash Point (T.C.C.) : N/D
 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
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 – 20 minutes. 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 and drink plenty of water. Do not induce vomiting unless directed by physician.
Inhalation : Move person to fresh air if irritation, headache, drowsiness, or nausea occurs. Seek medical attention if breathing 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. Maintain adequate ventilation
Protective Gloves : Yes; Nitrile, rubber, or neoprene
Eye Protection : Chemical goggles plus face shield if splashing will occur

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be taken if released or spilled : Adequately ventilate the area. Use a NIOSH approved respirator as necessary with high vapor concentration. Contain liquid and absorb with commercial absorbent materials. 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. Protect this product from freezing. Keep out of the reach of children