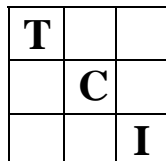


MATERIAL SAFETY DATA SHEET

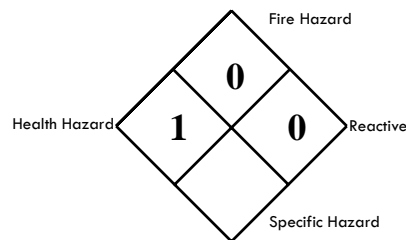


Texas Correctional Industry
A division of the
Texas Department of Criminal Justice

Date Issued: February 2008
Supersedes: August 2005

NFPA HAZARD RATING

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



SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: Zero
General Use: Multi-purpose surface cleaner
Manufacturer Name: Texas Correctional Industry
Central 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 - Thursday: 7 a.m. – 3 p.m.

SECTION 2 - HAZARDOUS INGREDIENT

Chemical Component Name	CAS No.	PERCENT	ACGIH/OSHA (TWA)		WHMIS
			TLV	PEL	
Ethylene glycol monobutyl ether	111-76-2	< 1.0	25 ppm	50 ppm	1%
Monoethanolamine	141-43-5	< 1.0	3 ppm	3 ppm	1%
Fluorosurfactant	65545-80-4	< 0.1	100 ppm	100 ppm	N/D

N/A= Not Applicable

N/D = Not Determined

Threshold Limit Values (TLV): TWA (time-weighted average for 8 hr. day); PEL (personal exposure limit)
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) : 0.99 – 1.0
Solubility in Water : Complete water solubility
pH : ~9.5
Boiling Point : >200 F at 14.7 psi
Appearance & Physical Form : Clear light green liquid
Odor : No fragrance added

SECTION 4 - FIRE AND HAZARD DATA

Flash Point : Nonflammable
Flammable Limit : N/A
Physical Hazard : None
Extinguishing Media : Water spray, Foam, Dry Chemical, or Carbon Dioxide
Fire Extinguishing Procedure : N/A
Fire and Explosive Hazard : None

SECTION 5 - REACTIVE DATA

Hazardous Decomposition	:	Carbon Monoxide, Nitrogen compounds, Carbon Dioxide, and other unknown organic compounds could be formed during combustion
Stability	:	Product is stable
Incompatibility	:	None known
Conditions to Avoid	:	Protect this product from freezing and extreme heat No hazardous polymerization can occur with this product

SECTION 6 - HEALTH HAZARD

Primary Route of Entry: Ingestion

Exposure:

Eyes	:	May cause eye irritation
Skin	:	This product is not intended for use on your body
Ingestion	:	Not intended for consumption; Seek medical attention
Inhalation	:	N/D

Signs and Symptoms of Over Exposure (chronic)	:	N/D
Medical condition aggravated by over exposure	:	N/D
Carcinogen or suspect of carcinogen ingredients	:	None

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURE

Eyes	:	Flush with eye with water for a minimum of 15 minutes. Seek medical attention if irritation persists.
Skin	:	Flush with large amounts of water. Use soap and water to wash the product from the skin as necessary.
Ingestion	:	Drink milk or water freely; Seek medical attention
Inhalation	:	Remove to an area with fresh air; Seek medical attention if any irritation should persist.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	:	None should be needed when used under normal applications
Ventilation Requirement	:	Use in a ventilated area
Protective Gloves	:	None; product is not intended for use on skin
Eye Protection	:	Product is not intended for eyes; Use appropriate chemical eye protection when deemed necessary to prevent exposure under unfavorable environment conditions.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be taken if released or spilled	:	Mop or soak up all materials practical for disposal. Keep this product out of local watersheds and waters systems.
Waste disposal method	:	Any unsalvageable material must be disposed of, in compliance with local, state, and federal laws and regulations.

SECTION 10 - STORAGE AND HANDLING

- Store in a cool, dry ventilated area. Do not store in direct sunlight.
- Do not allow this product to freeze. Keep out of the reach of children.

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.