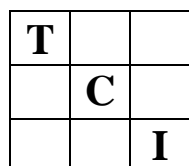


MATERIAL SAFETY DATA SHEET



**Texas Correctional Industry**

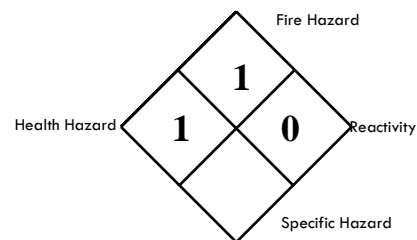
A division of the  
Texas Department of Criminal Justice

**Date Issued:** January 2008

**Supersedes:** January 2006

**NFPA HAZARD RATING**

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



**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** DE-DUST  
**General Use:** Mop treating mixture  
**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](http://www.tci.tdcj.state.tx.us)  
 Monday thru Thursday: 7:00 a.m. - 3:00 p.m.

**SECTION 2 - HAZARDOUS INGREDIENT**

Chemical Component Name	CAS No.	PERCENT	ACGIH/OSHA (TWA)		WHMIS
			TLV	PEL	
Mineral Oil	64742-53-6	87 - 89	5.0 mg/m <sup>3</sup>	5.0 mg/m <sup>3</sup>	N/D
N,N-Dialkyl N, N-dimethylammonium chloride	68424-95-3	<1	N/D	N/D	N/D
N-Alkyl N, N-dimethyl-N-benzylammonium chloride	68424-85-1	<1	N/D	N/D	N/D
Ethanol	64-17-5	<1	1000 ppm	1000 ppm	0.1%

N/A= Not Applicable                      N/E= Not Established                      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) : 0.868  
 Solubility in Water : Dispersible  
 pH : N/D  
 Boiling Point : > 200° F  
 Appearance and Odor : Light yellow liquid with slight petroleum odor

**SECTION 4 - FIRE AND HAZARD DATA**

Flash Point (T.C.C.) : ~303 F, (150 C)  
 Flammable Limit : N/D  
 Physical Hazard : None  
 Extinguishing Media : Water, Foam, Dry Chemicals, or Carbon Dioxide  
 Fire Extinguishing Procedure : Use of approved respiratory equipment and SCBA is recommended.  
 Fire and Explosive Hazard : Avoid ignition sources

## SECTION 5 - REACTIVE DATA

Hazardous Decomposition : Oxides of carbon and nitrogen; toxic vapors of hydrogen chloride and amines  
Stability : Stable  
Incompatibility : None

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## SECTION 6 - HEALTH HAZARD

Primary Route of Exposure : Eyes, Skin, and Ingestion  
Signs and Symptoms of Over Exposure (acute)  
Eyes : May cause eye irritation; may cause severe eye damage; avoid contact  
Skin : May cause redness or rash, drying or defatting; especially prolonged or repeated contact with skin; avoid contact  
Ingestion : May cause gastrointestinal irritation; harmful or fatal if swallowed  
Inhalation : May be irritating to respiratory tract; Use of respiratory equipment is recommended in enclosed areas or with vapor mist generation; remove from area to fresh air; could enter lungs and cause damage  
  
Signs and Symptoms of Over Exposure (chronic) : N/D  
Medical condition aggravated by over exposure : N/D  
Carcinogen or suspect of carcinogen ingredients : None

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## SECTION 7 - EMERGENCY AND FIRST AID PROCEDURE

Eyes : Flush with plenty of water for at least 15 min. If irritation persists, get medical attention.  
Skin : Flush with large amount of water.  
Ingestion : Rinse mouth thoroughly and drink 3 – 4 glasses of milk or water. Do not induce vomiting unless directed by physician; seek medical attention immediately  
Inhalation : Not likely; do not breath vapor mist; provide oxygen if individual labors to breath

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## SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection : None required with normal use  
Ventilation Requirement : Local exhaust; Maintain adequate ventilation  
Protective Gloves : Rubber, neoprene, or nitrile  
Eye Protection : Safety glasses or chemical goggles

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## SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be taken if released or spilled : Gather all materials practical for salvage or disposal. Rinse residue with water.  
Waste disposal method : Any unsalvageable material must be disposed in compliance with local, state, and federal laws and regulations.

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## SECTION 10 - STORAGE AND HANDLING

- Store within the original container in a dry cool ventilated area. Store from direct sunlight. Do not store with food or drinks. Apply local regulations to storage. Containers should remain sealed and closed when not in use. Store in labeled containers only.
- Prohibit eating, drinking, or smoking in storage areas. End user should always wash hands after handling this chemical, especially before eating, drinking, or smoking. Empty containers will retain product chemical residue and can be hazardous. Do not reuse containers. Avoid breathing vapor or mist.