

MATERIAL SAFETY DATA SHEET

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Texas Correctional Industry

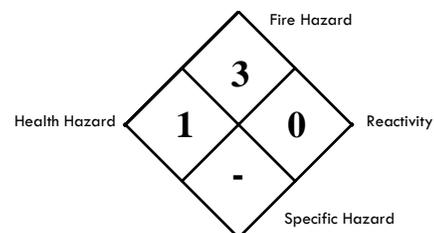
A division of the
Texas Department of Criminal Justice

Date Issued: June 2008

Supersedes: February 2008

NFPA HAZARD RATING

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



SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: **GLASS**
General Use: Window, glass, and mirror 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 p.m. - 3 p.m.

SECTION 2 - HAZARDOUS INGREDIENT

Chemical/Common Name	CAS No.	Percent	ACGIH/OSHA (TWA)		WHMIS
			TLV	PEL	
Isopropyl Alcohol*	67-63-0	4 - 25	400 ppm 980 mg/m ³	N/D	N/D
Ammonium Hydroxide	1336-21-6	<1.0	25 ppm	N/D	1%
Ethylene oxide	75-21-8	<2.0 ppm	1 ppm	1 ppm	N/D
Sodium Hydroxide	1310-73-2	<1.0	2mg/m ³	2mg/m ³	1%

N/A= Not Applicable

N/E= Not Established

N/D = Not Determined

* Listed: Subpart Z CFR 29 1910.1000 - .1101; CERCLA RQ = 1000 lbs.

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) : 0.958
 Solubility in Water : Complete
 pH : 10.0 - 11.0
 Boiling Point : N/D
 Appearance and Odor : Light blue liquid, ammonia odor

SECTION 4 - FIRE AND HAZARD DATA

Flash Point (T.C.C.) : N/D
 Flammable Limit : N/D
 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 : Drums exposed to fire may rupture from internal pressure

SECTION 5 - REACTIVE DATA

Hazardous Decomposition : Oxides of Carbon and Nitrogen
Stability : Stable
Incompatibility : Strong Oxidizing Agents

SECTION 6 - HEALTH HAZARD

Primary Route of Exposure : Eyes, Skin, inhalation or Ingestion
Signs and Symptoms of Over Exposure (acute)
Eyes : May cause eye irritation.
Skin : May cause redness or rash.
Ingestion : May cause gastrointestinal irritation.
Inhalation : May be an irritant to the respiratory tract.
Signs and Symptoms of Over Exposure (chronic) : Eye, Skin, and Respiratory tract irritation.
Medical condition aggravated by over exposure : Not known
Carcinogen or suspect of carcinogen ingredients : None

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 plenty of water. Do not Induce vomiting. Get immediate medical attention.
Inhalation : Move the person to fresh air. Give artificial resuscitation (CPR) if patient is not breathing. Seek medical attention.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection : None required with normal use
Ventilation Requirement : Maintain local exhaust or air movement. Adequate ventilation to prevent over exposure
Protective Gloves : Neoprene, Nitrile, or rubber
Eye Protection : Safety glasses or chemical goggles

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be taken if released or spilled : Sweep 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.

SECTION 10 - STORAGE AND HANDLING

Store in a cool, dry, ventilated area.

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.