

MATERIAL SAFETY DATA SHEET

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Texas Correctional Industry

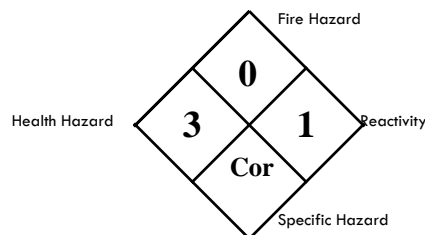
A division of the
Texas Department of Criminal Justice

Date Issued: November 2007

Supersedes: January 2004

NFPA HAZARD RATING

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



SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Tobo**
General Use: Restroom bowl 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. - 3 p.m.

SECTION 2 - HAZARDOUS INGREDIENT

Chemical/Common Name	CAS No.	PERCENT	ACGIH/OSHA		WHMIS
			TWA	PEL	
Hydrochloric acid	7647-01-0	7 - 9	5 ppm	N/D	N/D

N/A= Not Applicable N/D = Not Determined

* Listed: CERCLA RQ = 5000 lbs; 29 CFR 1910.1000 Subpart Z.
 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) : 1.20
 Solubility in Water : Complete
 pH : < 2.0
 Boiling Point : > 200° F
 Appearance and Odor : Milky white liquid; mild odor

SECTION 4 - FIRE AND HAZARD DATA

Flash Point (T.C.C.) : Nonflammable
 Flammable Limit : N/A
 Physical Hazard : Corrosive; acidic
 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 and Sulfur
Stability : Stable
Incompatibility : Alkaline materials and Oxidizing Agents

SECTION 6 - HEALTH HAZARD

Primary Route of Exposure : Eyes, Skin, Oral, or Inhalation
Signs and Symptoms of Over Exposure (acute)
Eyes : Corrosive to Eye tissue, may cause corneal damage
Skin : May cause redness or rash, burns or blisters
Ingestion : May cause gastrointestinal irritation and burns to the alimentary canal
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 : 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 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 : None required with normal use
Ventilation Requirement : Local exhaust. Maintain adequate ventilation
Protective Gloves : Yes. Rubber or neoprene
Eye Protection : Chemical goggles

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be taken if released or spilled : Gather all liquid material 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. 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. **IMPORTANT!** Product use is not recommended until this Material Safety Data Sheet has been read and understood.