

# MATERIAL SAFETY DATA SHEET

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**Texas Correctional Industry**

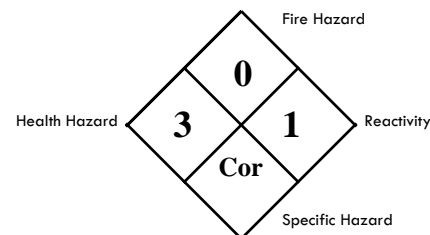
A division of the  
Texas Department of Criminal Justice

**Date Issued:** November 2007

**Supersedes:** September 2007

## NFPA HAZARD RATING

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



## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** **MILKSTONE REMOVER**

**General Use:** Lime Deposit Remover

**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 a.m. - 3 p.m.

## SECTION 2 - HAZARDOUS INGREDIENT

Chemical/Common Name	CAS No.	PERCENT	ACGIH/OSHA		WHMIS
			TWA	PEL	
Hydroxyacetic Acid	79-14-1	5 - 6	N/D	N/D	1%
*Phosphoric Acid	7664-38-2	42 - 43	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	1%

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 : Clear light green 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

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## 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

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## 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.

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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 : Yes. Rubber or neoprene  
Eye Protection : Chemical goggles

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## 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.

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## 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.