

MATERIAL SAFETY DATA SHEET

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Texas Correctional Industry

A division of the
Texas Department of Criminal Justice

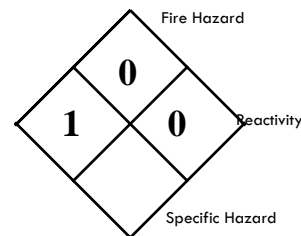
Date Issued: January 2008

Supersedes: January 2004

NFPA HAZARD RATING

- 4- EXTREME**
- 3- HIGH**
- 2- MODERATE**
- 1- SLIGHT**
- 0- INSIGNIFICANT**

Health Hazard



SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Domal**
General Use: Powdered laundry detergent
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: 7a.m. - 3 p.m.

SECTION 2 - HAZARDOUS INGREDIENT

Chemical/Common Name	CAS No.	PERCENT	ACGIH/OSHA		WHMIS
			TWA	STEL	
Sodium Metasilicate	6834-92-0	~30	N/E	N/D	1%
Sodium Sesquicarbonate	533-96-0	19 - 21	15 ppm	N/D	N/D
Sodium Tripolyphosphate	7758-29-4	~30	5 mg/m ³	N/D	N/D

N/A= Not Applicable N/E= Not Established 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 : None
 Specific Gravity (water = 1) : N/A
 Solubility in Water : Complete
 pH (1% solution) : 9.6 – 10.6
 Boiling Point : N/A
 Appearance and Odor : White to off white granular powder

SECTION 4 - FIRE AND HAZARD DATA

Flash Point (T.C.C.) : None
 Flammable Limit : N/A
 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 : N/D

SECTION 5 - REACTIVE DATA

Hazardous Decomposition : Oxides of Carbon, Sulfur and HCl gas
Stability : Stable
Incompatibility : With strong Acids and Oxidizing Agents

SECTION 6 - HEALTH HAZARD

Primary Route of Exposure : Eyes, Skin, Oral, or Inhalation
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 : Silicone Dioxide listed on NTP

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURE

Eyes : Flush with plenty of water until irritation subsides. If irritation persists, get medical attention.
Skin : Flush with large amount 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 patient to fresh air. Give artificial resuscitation (CPR) if patient is not breathing.

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 : Goggles or glasses.

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. Do not dump into sewers, on the ground, or into any bodies of water.

SECTION 10 - STORAGE AND HANDLING

Store in a cool, dry, ventilated area.