

SAFETY DATA SHEET



Texas Correctional Industries
Texas Department of Criminal Justice

Date Issued: December 2020

Supersedes: September 2016

SECTION 1 - IDENTIFICATION

Product Name: **Clenzol**
General Use: Degreasing Detergent Surface Cleaner
Manufacturer Name: Texas Correctional Industries
 Roach Soap & Detergent Plant
 15845 FM 164
 Childress, TX 79201

Emergency Telephone Numbers

Texas Poison Center Network (TPCN) : 1-800-222-1222
 Roach Soap & Detergent Plant Lab: 940-937-6364 EXT. 7392
 SDS available at: www.tci.tdcj.texas.gov
 Monday thru Thursday: 5:30 AM – 3:30 PM

SECTION 2 - HAZARD IDENTIFICATION



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 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

GHS Hazard and/or Precautionary Numbers: H373, H315, H400, H410, H413

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical/Common Name	CAS No.	PERCENT	ACGIH/OSHA (TWA)		WHMIS
			TLV	PEL	
Sodium Metasilicate	6834-92-0	<1%	N/E	3 mg/m ³	1%
Ethylene glycol monobutyl ether	111-76-2	4 - 6	25 ppm	121 mg/m ³	1%
Sodium Tripolyphosphate	7758-29-4	~1%	5 mg/m ³	N/D	N/D

N/A= Not Applicable

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 4 - FIRST AID MEASURES

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. Drink plenty of water. Do not induce vomiting unless directed by physician.
Inhalation : Move person to fresh air. Give artificial resuscitation (CPR) if person is not breathing.

SECTION 5 - FIRE FIGHTING MEASURES

Flammable Limit	N/D
Physical Hazard	Higher pH determines a slightly corrosive mixture
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 6 - ACCIDENTAL RELEASE MEASURES

Steps to be taken if released or spilled	Gather all materials practical for salvage or disposal. Rinse any residue with water.
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SECTION 7 - HANDLING AND STORAGE

- Store in a cool, dry ventilated area. Do not store in direct sunlight.
- Do not allow this product to freeze. Keep out of the reach of children. Read and understand the product's SDS before using this product.

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.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection	: None required within a well-ventilated area
Ventilation Requirement	: Local exhaust will be necessary in an enclosed area. Maintain adequate ventilation while in use.
Protective Gloves	: Rubber, Nitrile, or neoprene
Eye Protection	: Chemical goggles or safety glasses

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure	: N/D
Specific Gravity (g/ml @ 74°F)	: 1.07; [~8.89 lbs/gal.]
Solubility in Water	: Complete
pH (10% solution)	: 11.5 - 12.5
Boiling Point	: > 200° F
Appearance and Odor	: Rust orange- brown liquid with butylcellosolve odor

SECTION 10 - STABILITY AND REACTIVITY

Hazardous Decomposition	: Oxides of carbon, nitrogen, and sulfur
Stability	: Stable
Incompatibility	: Avoid strong acids and oxidizing agents

NOTE: The C### notation refers to a principal component based on the amounts present in the product which may involve trade secret chemicals. In the event of an accident, notify the Poison Control Center for more information.

SECTION 11 – TOXICOLOGICAL INFORMATION

C062

Mutagenicity not mutagenic in AMES Test.

C096

Acute oral toxicity: no data available

Acute inhalation toxicity: no data available

Acute inhalation toxicity - Components

Ethylene glycol 1 LC50: 450 ppm Exposure time: 4h Species: rat I

monobutyl ether Symptoms: ataxia

Acute dermal toxicity - : no data available

Acute toxicity other: no data available

Acute toxicity:
(other routes of administration) no data available

C069

ACUTE HAZARDS

EYE & SKIN CONTACT:

Primary irritation to skin:

Primary irritation to eyes:

Defatting, dermatitis.
Redness, tearing, blurred vision.
Liquid can cause eye irritation.
Wash thoroughly after handling.

INHALATION:

Vapor harmful.

Swallowing:

Swallowing can cause abdominal irritation,
nausea, vomiting & diarrhea.

SUBCHRONIC HAZARDS/ CONDITIONS AGGRAVATED:

None

CHRONIC HAZARDS

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:

This product has no carcinogens
listed by IARC, NTP, NIOSH,
OSHA or ACGIH, as of this date,
greater or equal to 6.1%.

IRRITANCY OF PRODUCT:

This product is irritating to
contaminated tissue.

SENSITIZATION TO THE PRODUCT:

No component of this product is known
to be a sensitizer.

MUTAGENICITY:

Not reported (in humans).

EMBRYOTOXICITY:

Not reported (in humans).

TERATOGENICITY:

Not reported (in humans).

REPRODUCTIVE TOXICITY: Not reported (in humans).

MAMMALIAN TOXICITY: No mammalian information is available on this product.

SECTION 12 – ECOLOGICAL INFORMATION

C062

Product:
Sodium Xylene Sulfonate SXS

Test Results
EC50 Algae: > 230 mg/kg
E050 Daphnia: > 1000 mg/L
L050 Rainbow Trout: > 1000 mg/L

* Estimates for product may be based on additional component data not shown.

Ecotoxicity Readily biodegradable.

C096

Biodegradability - Product : No data available

Bioaccumulation - Product : No data available

Ecotoxicity effects
Toxicity to fish - Product : No data available

Ethylene glycol monobutyl : LC50: 220 mg/L

Toxicity to daphnia and :
other aquatic invertebrates No data available

Ethylene glycol monobutyl :
ether EC50: 1,815 mg/l
Exposure time: 24 h

Toxicity to algae - Components
Ethylene glycol monobutyl :
ether Exposure time: EC50: 911 mg/l
72 h
Species: Pseudokirchneriella
subcapitata (green algae)

Analytical monitoring: yes

C069

EFFECT OF MATERIAL ON
PLANTS AND ANIMALS: Not available
EFFECT OF MATERIAL ON AQUATIC LIFE: No aquatic information is available.
MOBILITY IN SOIL: Has not been determined.
BIODEGRADABILITY: This product is completely biodegradable.
ACCUMULATION: Has not been determined.

SECTION 13 – DISPOSAL CONSIDERATIONS

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 14 – TRANSPORT INFORMATION

C062

Refer to bill of lading box container
label for DOT or other transportation
hazard classification, if any.

C096

U.S. DOT - ROAD: Not dangerous goods

U.S. DOT - RAIL: Not dangerous goods

C069

SARA 311/312 Classification: Fire Hazard
Acute Health Hazard
Chronic Health Hazard
Fire Hazard
Chronic Health Hazard

New Jersey RTK Label Information

Ethylene Glycol Monobutyl Ether 111-76-2

Pennsylvania RTK Label Information

Ethylene Glycol Monobutyl Ether 111-76-2

United States TSCA Inventory yes

C069

DOT/TDG SHIP NAME: UN3082, Environmentally hazardous
substances, liquid, n.o.s.
(contains: Nonylphenol and
Dinonylphenol Ethoxylates), 9, PG-III

(FOR AIR/SHIP BULK SHIPMENTS,
ADD 'MARINE POLLUTANT' TO SHIPPING NAME.)

DRUM LABEL: (CLASS 9)

IATA / ICAO: UN3082, Environmentally hazardous substances,
liquid (contains: Nonylphenol and
Dinonylphenol Ethoxylates) PG-III

IMO / IMDG: UN3982, Environmentally hazardous substances,
liquid (contains: Nonylphenol and
Dinonylphenol Ethoxylates) PG-III

EMERGENCY RESPONSE GUIDEBOOK NUMBER: 171

SECTION 15 – REGULATORY INFORMATION

C062

There is no calculable reportable quantity
(RQ) for this product.

Clenzol, Date Issued: December 2020

CERCLA (Superfund) reportable quantity	None
Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 extremely substance	No hazardous
Section 311 hazardous	No chemical

C096

SARA 311/312 Classification:	Fire Hazard Acute Health Hazard Chronic Health Hazard Fire Hazard Chronic Health Hazard
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New Jersey RTK Label Information

Ethylene Glycol Monobutyl Ether	111-76-2
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Pennsylvania RTK Label Information

Ethylene Glycol Monobutyl Ether	111-76-2
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United States TSCA Inventory	yes
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C069

EPA REGULATION: SARA SECTION 311/312 HAZARDS: All components of this product are on the TSCA list. This material contains no known products restricted under SARA Title III, Section 313 in amounts greater or equal to 1%.	None Known
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SECTION 16 – OTHER INFORMATION

*SDS updated by: Timothy Sharpe, TCI Chemist, Childress, TX

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