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: Texas Correctional Industries
Name: 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):
Medical condition aggravated by overexposure: 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

<table>
<thead>
<tr>
<th>Chemical/Common Name</th>
<th>CAS No.</th>
<th>PERCENT</th>
<th>ACGIH/OSHA (TWA)</th>
<th>WHMIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Metasilicate</td>
<td>6834-92-0</td>
<td>&lt;1%</td>
<td>N/E</td>
<td>1%</td>
</tr>
<tr>
<td>Ethylene glycol monobutyl ether</td>
<td>111-76-2</td>
<td>4 - 6</td>
<td>25 ppm</td>
<td>1%</td>
</tr>
<tr>
<td>Sodium Tripolyphosphate</td>
<td>7758-29-4</td>
<td>~1%</td>
<td>5 mg/m³</td>
<td>N/D</td>
</tr>
</tbody>
</table>

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.

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

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
monobutyl ether Symptoms: ataxia
Acute dermal toxicity - : no data available
Acute toxicity other: no data available
Acute toxicity: no data available
(Other routes of administration)

C069

ACUTE HAZARDS
EYE & SKIN CONTACT:
Primary irritation to skin: Defatting, dermatitis.
Primary irritation to eyes: Redness, tearing, blurred vision.
Liquid can cause eye irritation.
Wash thoroughly after handling.

INHALATION:

Swallowing:

INHALATION:

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).
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REPRODUCTIVE TOXICITY: Not reported (in humans).

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

SECTION 12 – ECOLOGICAL INFORMATION

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.

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

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

Species: Pseudokirchneriella subcapitata (green algae)

Analytical monitoring: yes

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.
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CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 302 extremely hazardous

No hazardous substance

Section 311 hazardous

No chemical

C096

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

EPA REGULATION:

SARA SECTION 311/312 HAZARDS: None Known

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%.

SECTION 16 – OTHER INFORMATION

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

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