SAFETY DATA SHEET

Texas Correctional Industries
Texas Department of Criminal Justice

Date Issued: December 2020
Supersedes: September 2016

SECTION 1 - IDENTIFICATION

Product Name: EcoGlass
General Use: Industrial Liquid Glass 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 – HAZARDS IDENTIFICATION

Emergency Overview
Color: Clear light blue
Physical State: Liquid
Odor: Mild

OSHA Hazard Communication Standard
This product is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Hazards of Product:

CAUTION! May cause eye irritation. In general, avoid contact with eyes, skin and clothing. Use with adequate ventilation. Wash after handling. Keep container closed/sealed.

KEEP OUT OF REACH OF CHILDREN!

Potential Health Effects and Primary Routes of Exposure

EYE CONTACT: May cause eye irritation.
SKIN CONTACT: Similar materials are not classified as skin irritants. The skin irritation score for this substance has not been determined.
INGESTION: Although this material is not considered toxic, ingestion of large quantities may cause nausea, vomiting and diarrhea.
INHALATION: No information available.
CHRONIC EFFECTS: None known.
OTHER HEALTH EFFECTS: No carcinogenic, mutagenic or teratogenic effects are known. No effects of chronic exposure or target organ effects are known. No exposure limits have been established for the product.

PRIMARY ROUTES OF EXPOSURE: Skin, eyes, inhalation.

GHS Hazard Numbers H302
SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>% Concentration</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dehypound</td>
<td>0.198</td>
<td>N/A</td>
</tr>
<tr>
<td>Vanwet 9N9</td>
<td>0.099</td>
<td>2 mg/m³, TWA (PEL)</td>
</tr>
<tr>
<td>Fluorosurfactant</td>
<td>0.023</td>
<td>15 mg/m³, TWA (PEL)</td>
</tr>
</tbody>
</table>

SECTION 4 – FIRST-AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of cool water for at least 15 minutes. Seek medical attention.
SKIN CONTACT: Wash affected area with soap and water.
INGESTION: Do not induce vomiting. Never give anything by mouth if victim is unconscious or having convulsions. Call a physician or seek immediate medical attention.
INHALATION: Remove to fresh air.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media: Use water fog, carbon dioxide, dry chemical, or foam.
Special Fire Fighting Procedures: Not considered combustible; this solution will not sustain combustion.
Unusual Fire or Explosion Hazards: None known. Use only procedures that you have been trained on. As in any fire, Firefighters should wear self contained breathing apparatus in the positive pressure mode with a full face piece (MSHA/NIOSH approved) when there is a possibility of exposure to smoke, fumes, or hazardous decomposition products.

Hazardous Combustion Products: Carbon dioxide, carbon monoxide, and oxides of nitrogen.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Steps to take in case of a spill or leak:
Add dry material to absorb spill. Using recommended protective equipment, pick up bulk of spill and containerize for recovery or disposal. Flush area with water to remove residues.

SECTION 7 – HANDLING AND STORAGE

Avoid contact with eyes, skin and clothing. Avoid breathing mist, vapor, or dust. Keep container closed/sealed. Use with adequate ventilation. Wash thoroughly after handling.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protection

EYE PROTECTION: Safety glasses with side shields or chemical goggles.
SKIN PROTECTION: Nitrile/butadiene rubber (“Nitrile” or “NBR”), synthetic or natural rubber gloves.
RESPIRATORY PROTECTION: Any special protection is not expected under normal conditions of use.
ENGINEERING CONTROLS: General ventilation.
SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICAL STATE</td>
<td>Liquid</td>
</tr>
<tr>
<td>APPEARANCE</td>
<td>Clear light blue</td>
</tr>
<tr>
<td>ODOR</td>
<td>Mild</td>
</tr>
<tr>
<td>PH</td>
<td>9.7 – 10.9</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>100 °C</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>1.063 g/ml</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>Completely; any concentration</td>
</tr>
<tr>
<td>FLASH POINTING</td>
<td>&gt;200 °F</td>
</tr>
<tr>
<td>AUTOIGNITION TEMP</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

SECTION 10 – STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>STABILITY</td>
<td>Normally stable.</td>
</tr>
<tr>
<td>HAZARDOUS POLMERIZATION</td>
<td>Will not occur</td>
</tr>
<tr>
<td>INCOMPATIBLE MATERIALS</td>
<td>Strong acids, bases, and oxidizing agents.</td>
</tr>
<tr>
<td>CONDITIONS TO AVOID</td>
<td>None determined; none known</td>
</tr>
<tr>
<td>HAZARDOUS DECOMPOSITION PRODUCTS</td>
<td>Oxides of carbon.</td>
</tr>
</tbody>
</table>

NOTE: The C### notation below 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

C042

Any toxicological information included in this section is based upon data associated with the components or an analogous product.

Acute oral toxicity: LD50 > 2000 mg/kg body weight

Skin irritation: not irritating

Eye irritation: severely irritating

C069

Routes of Entry
Absorbed through skin. Eye contact.

Toxicity to Animals
LD50: Not available.
LC50: Not available.

Chronic Effects on Humans
Not available.

Other Toxic Effects on Humans
Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals
Not available.

Special Remarks on Chronic Effects on Humans
Not available.
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Special Remarks on other Toxic Effects on Humans
Eyes: Causes moderate irritation.
Inhalation:
Ingestion:

Acute Potential Health Effects:
Skin: May cause skin irritation.
Inhalation of mist or vapor may cause respiratory tract irritation.
Expected to be a low hazard.

C066

ROUTES OF EXPOSURE:
Eye contact, skin absorption, inhalation or ingestion.

ACUTE TOXICITY:
No data available.

CARCINOGENICITY:
The following components of this material are listed as carcinogens by IARC, NTP or OSHA:

<table>
<thead>
<tr>
<th>Component</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,4 Dioxane</td>
<td>28</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

TERATOGENICITY, MUTAGENICITY, OR OTHER REPRODUCTIVE EFFECTS:
No data available.

CONDITIONS AGGRAVATED BY EXPOSURE:
No data available.

SYNERGISTIC MATERIALS:
No data available.

SECTION 12 – ECOLOGICAL INFORMATION

C042

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

Acute fish toxicity:
LC50 > 1 - <= 10 mg product/L.

Acute bacterial toxicity:
ECO > 100 mg product/L.

Ultimate biodegradation:
The total of the organic components contained in the product achieve > 60% BOD/COD or CO2 liberation, or > 70% DOC reduction in tests for ease of degradability - threshold values for ‘readily degradable’ (e.g. to OECD method 301).

Method:
OECD 301 B

C069

Ecotoxicity
Not available.

BOD5 and COD
Not available.

Products of Biodegradation
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available.

C066: No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS

C042
N/A

C069
N/A

C066
WASTE DISPOSAL INFORMATION: Dispose in accordance with all applicable federal, state, and local regulations.

RCRA INFORMATION: If this material becomes a waste, it would not be considered hazardous under 40CFR261.

SECTION 14 – TRANSPORTATION INFORMATION

C042
General information: Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR, CFR and TDG.

C069
DOT Classification Not a DOT controlled material (United States).
Identification Not applicable.
Special Provisions for Transport Not applicable.

C066
DOT INFORMATION: 49CFR172.101
Proper shipping name: Compounds, Cleaning, Liquid-NOS
DOT Hazardous Class: Non-hazardous, non-regulated
Hazardous Components: None
REPORTABLE QUANTITY: 49CFR172.101: Not applicable

SECTION 15 - REGULATORY INFORMATION

TSCA INVENTORY STATUS This product should be used solely for the purposes of glass surface cleaning in accordance with product labeling.
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TSCA 12 (B) COMPONENTS: None listed
SARA 311 / 312 HAZARD CATEGORIES: None listed
SARA 313 TOXIC CHEMICALS: None listed
SARA 302 EXTREMELY HAZARDOUS SUBSTANCES: US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA)

ETHYLENE OXIDE CAS: 75-21-8 <= 10 PPM
PROPYLENE OXIDE CAS: 75-56-9 < 5 PPM

CERCLA HAZARDOUS SUBSTANCES: US. EPA CERCLA Hazardous Substances (40 CFR 302)
ETHYLENE OXIDE CAS: 75-2-8 <= 10 PPM
ETHANAL CAS: 75-07-0 < 5 PPM

SECTION 15 – REGULATORY INFORMATION

C042

TSCA Inventory Status: This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

SARA 311 / 312 Hazard Categories: Immediate Health

TSCA 12(b) Components: none
SARA 313 Toxic Chemicals: none
SARA 302 Extremely Hazardous Substances: US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA)
SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A) ETHYLENE OXIDE CAS: 75-21-8 <= 10 PPM
PROPYLENE OXIDE CAS: 75-56-9 < 5 PPM

CERCLA Hazardous Chemicals: US. EPA CERCLA Hazardous Substances (40 CFR 302)
ETHYLENE OXIDE CAS: 75-2-8 <= 10 PPM
ETHANAL CAS: 75-07-0 < 5 PPM

C069

N/A

C066

US FEDERAL REGULATIONS
EcoGlass, Date Issued: December 2020

TSCA Status: The intentional components of this product are listed.

CERCLA Reportable Quantities: 40 CFR355 APPENDIX A: None

SARA 313 — 40CFR372.6S 1,4Dioxane (123-91-1), < 0.5%

SECTION 16 – OTHER INFORMATION

*SDS Updated by: Timothy Sharpe, TCI Chemist, Childress Texas

Note: Product should be used as directed on the label and no other use is permitted. 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.