

SAFETY DATA SHEET



Texas Correctional Industries
Texas Department of Criminal Justice

Date Issued: September 2016

Supersedes: Feb 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

Galveston Texas Poison Control: **1-800-764-7661**
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.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Component	% Concentration	Exposure Limits
C042	0.198	N/A
C069	0.099	2 mg/m ³ , TWA (PEL)
C066	0.023	15 mg/m ³ , TWA (PEL)

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

PHYSICAL STATE:	Liquid
APPEARANCE:	Clear light blue
ODOR:	Mild
PH:	9.7 – 10.9
BOILING POINT:	100° C
SPECIFIC GRAVITY:	1.063 g/ml
SOLUBILITY IN WATER:	Completely; any concentration
FLASH POINT:	>200° F
AUTOIGNITION TEMP.	Not determined.

SECTION 10 – STABILITY AND REACTIVITY

STABILITY:	Normally stable.
HAZARDOUS POLYMERIZATION:	Will not occur
INCOMPATIBLE MATERIALS:	Strong acids, bases, and oxidizing agents.
CONDITIONS TO AVOID:	None determined; none known
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon.

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.

Special Remarks on other
Toxic Effects on Humans
Eyes: Causes moderate irritation.
Inhalation:

Acute Potential Health Effects:
Skin: May cause skin irritation.

Ingestion:

Inhalation of mist or vapor may
cause respiratory tract irritation.
Expected to be a low hazard.

C066

ROUTES OF EXPOSURE:
ACUTE TOXICITY:

Eye contact, skin absorption, inhalation or ingestion.
No data available.

CARCINOGENITY:

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

1,4 Dioxane

IARC	NTP	OSHA
2B	X	

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.

EcoGlass, Date Issued: September 2016

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 <= 10PPM
	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.
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SARA 311/312 Hazard

Immediate Health

Categories:

TSCA 12(b) Components:

none

SARA 313 Toxic Chemicals:

none

SARA 302 Extremely Hazardous

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA)

Substances:

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 <= 10PPM
ETHANAL CAS: 75-07-0 < 5 PPM

C069

N/A

C066

US FEDERAL REGULATIONS

EcoGlass, Date Issued: September 2016

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

Federal Hazardous Substances Act statutes and Consumer Product Safety Commission regulations: 16 CFR 1500.14(b)(3) and 1500.83(a)(13).

*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.