



SAFETY DATA SHEET

Section 1: Identification

Trade Name Glazze
Product Identification: Glass Cleaner

General Info Phone: 850-575-0921
Emergency Phone: Call INFOTRAC
Within USA & Canada: 800-535-5053
Customer Number: 102477

Synonyms:
Product Use Description: Glass Cleaner

Supplier:
Consolidated Chemicals, LLC
3191 W. Tharpe St.,
Tallahassee, FL 32303

Section 2: Hazards Identification

Classification: This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Signal Word: Note Applicable

Hazard Statements: Not Applicable

Precautionary Statements Not Applicable
Prevention Not Applicable

Response

IF SWALLOWED: Clean mouth with water and drink afterwards plenty of water.

IF ON SKIN (or hair): Wash off immediately with plenty of water for at least 15 minutes.

IF IN EYES: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Section 3: Composition / Information on Ingredients

<u>Chemical Name</u>	<u>CAS#</u>	<u>Concentration % by Weight</u>
Isopropanol	67-63-0	withheld
Diethylene glycol ethyl ether	111-90-0	withheld
Polyglycoside	110615-47-9	withheld

The product contains no substances which, at their given concentration, are considered to be hazardous to health. However, additional component information is available in subsequent sections of this SDS.

Additional Information - **If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

Section 4: First Aid Measures

First Aid Measures

General Advice	Provide this SDS to medical personnel for treatment.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes.
Inhalation	Remove to fresh air.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects

Symptoms	Ingestion of concentrate may cause nausea, vomiting and abdominal pain. If misted in concentrated form, which is improper use, can cause irritation. Prolonged and repeated contact with concentrate can cause dryness, irritation and skin defatting. Concentrate will cause stinging or burning of eyes and lids, watering of eye, and watering of eye.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically
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Section 5: Fire-Fighting Measures

Extinguishing media: Water spray (fog). Carbon dioxide (CO₂). Dry chemical.

Specific hazards arising from the chemical: Will not sustain combustion. Tested using (per ASTM D-4206)

Special protective equipment: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: Accidental Release Measures

Personal Precautions: Use personal protective equipment as required. Avoid contact with eyes and skin.

Environmental Precautions: See Section 12 for additional Ecological Information.

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Clean-up: Concentrated materials are packed in unit-dosed bags limiting any spills to very small quantities. Paper toweling or mopping is usually sufficient. Dispose of contents/container to an approved waste disposal plant.

Section 7: Handling and Storage

Precautions: Handling in accordance with good industrial hygiene and safety practice.

Storage: Keep container tightly closed and store in a cool, dry, and well-ventilated place. Store in designated hazardous chemical area appropriate to facility. Do not store at elevated temperatures (above 140 deg F).

Incompatible Materials: Strong oxidizing agents. Strong reducing agents.

Section 8: Exposure Controls/Personal Protection

Occupational Exposure Limits:

Country specific exposure limits have not been established or are not applicable unless listed here.

Biological Limit Values:

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls:

Apply technical measures to comply with the occupational exposure limits. Ensure adequate ventilation, especially in confined areas. Showers. Eyewash stations.

Individual protection measures, such as personal protective equipment:

Eye/Face protection: Not normally required under normal use conditions. Avoid eye contact when using. Wear approved safety goggles where a splash hazard exists.

Skin Protection: Not normally necessary in general use as product is used in spray bottle.

Respiratory Protection: Not required, but ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling.

Section 9: Physical and Chemical Properties

Physical state and appearance: Clear Blue Liquid

Odor: No fragrance.

Molecular Weight: Not determined

Taste: Not determined

Other information: Not determined

pH: In use solution: 7-8

Boiling Point: 82.2 °C/ 180 °F

Color: Clear blue

Melting Point: <0 °C/ <32 °F

Solubility: Water soluble

Physical State: Liquid

Volatility: Not determined

Critical Temperature: Not determined

Odor Threshold: Not determined

Specific Gravity at 25°C: 0.994 +/- 0.01

Vapor Density: Not determined

Vapor Pressure: Not determined

Partition Coeff: Not determined

Evaporation Rate: Much slower than 1

Viscosity: Not determined

Flash Point: 167 °F / 75 °C

Section 10: Stability and Reactivity

Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical Stability: Material is stable under normal conditions.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use. Hazardous polymerization does not occur.

Conditions to avoid: Keep out of reach of children.

Incompatible Materials: Strong oxidizing agents. Strong reducing agents.

Hazardous decomposition products: If heated to decomposition, CO, carbon monoxide and CO₂, Carbon dioxide, may be produced.

Section 11: Toxicological Information

Information on likely routes of exposure

Inhalation: Do not inhale.

Skin contact: Avoid contact with skin.

Eye contact: Avoid contact with eyes.

Ingestion: Do not ingest.

Information on toxicological effects:

Acute toxicity: For Chemical: Di(ethylene glycol) ethyl ether 111-90-0

Residuals	Species	Test Results
Oral LD50	Rat	1920 mg/kg
Dermal LD50	Rabbit	4200µL/kg
Dermal LD50	Rat	6mL/kg
Inhalation LD50	Rat	5240 mg/m ³ (4 h)

Physical, chemical and toxicological effects: Please see section 4 of this SDS for symptoms.

Carcinogenicity: Carcinogenic potential is unknown.

Numerical Measures of Toxicity: Not determined.

Section 12: Ecological Information

Ecotoxicity: This product as a whole has not been tested for ecotoxicity.

Component Information:

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
Di(ethylene glycol) ethyl ether 111-90-0		9640: 96 h Lepomis macrochirus mg/L LC50 static 19100-23900: 96 h Lepomis macrochirus mg/L LC50 flow-through 11400-15700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 11600-16700: 96 h Pimephales promelas mg/L LC50 flow-through 13400: 96 h Salmo gairdneri mg/L LC50 flow-through		3940-4670: 48 h Daphnia magna mg/L EC50

Persistence and degradability: Not determined

Bioaccumulative potential: Not determined.

Mobility in Soil:

Chemical Name	Partition Coefficient
Di(ethylene glycol) ethyl ether 111-90-0	-0.8

Other adverse effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from component(s) of this product.

Section 13: Disposal Consideration

Disposal of Wastes: Dispose in accordance with all applicable regional, national and local laws and regulations.

Contaminated Packaging: Dispose in accordance with all applicable regional, national and local laws and regulations.

Section 14: Transport Information

Note: Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT: Please contact manufacturer for most current information

IATA: Please contact manufacturer for most current information

IMDG: Please contact manufacturer for most current information

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: Not established

Section 15: Regulatory Information:

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA - Toxic Substance Control Act

All components found in this product comply with the Toxic Substance Control Act inventory reporting requirements.

CERCLA RQ - Comprehensive Environmental Response Compensation and Liability Act Reportable Quantity (40 CFR 302.4)

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

SARA/SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (TITLE III) - SECTIONS 302, 311, 312, AND 313:

SARA 302 - Extremely Hazardous Substances (40 CFR 355 Appendix A):

This material, as supplied, does not contain any substances regulated as hazardous substances under the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 311/312 - Hazard Categories:

Fire () Sudden Release () Reactivity () Immediate (acute) (X) Chronic (delayed) ()

SARA 313 - Toxic Chemicals (40 CFR 372.65):

This product contains a chemical or chemicals which are subject to the reporting requirements of the ACT and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 – Threshold values %
Di(ethylene glycol) ethyl ether	111-90-0	15-20	1.0

RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s).

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals subject to disclosure and listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCOMI Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Di(ethylene glycol) ethyl ether 111-90-0	X	X	X

Section 16: Other Information

HMIS Rating: Health - 1 , Flammability - 0 , Chemical Reactivity - 0

References: Not available.

Other Special Considerations: Not available.

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Revision Note: New format

Disclaimer: The information contained in this SDS was obtained from current and reliable sources, however the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the Manufacturer; he is not responsible for loss, injury and expense arising out of the product's improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS.