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## 1. IDENTIFICATION

**PRODUCT IDENTIFIER**  
**PRODUCT NAME** GLENZENE

### OTHER MEANS OF IDENTIFICATION

**Recommended Uses** All Purpose Cleaner

### SDS-SUPPLIER INFORMATION

**SUPPLIER ADDRESS** E-ZOIL Products, Inc.  
*DBA Emulso*  
2750 Kenmore Avenue  
Tonawanda, NY 14150

### EMERGENCY TELEPHONE NUMBER

**COMPANY PHONE NUMBER** (716) 854-2889  
**COMPANY FAX NUMBER** (716) 854-2809  
**24-HOUR EMERGENCY TELEPHONE (ACCOUNT #8686)**  
**NORTH AMERICA** 800-535-5053  
**INTERNATIONAL** 352-323-3500

## 2. HAZARDS IDENTIFICATION

### CLASSIFICATION

Not classified

**SIGNAL WORD** N/A

### HAZARD STATEMENTS

No known significant effects or critical hazards.

**APPEARANCE** Liquid      **PHYSICAL STATE** Liquid

### PRECAUTIONARY STATEMENTS

**PREVENTION** N/A

**RESPONSE** N/A

**STORAGE** Store locked-up. Keep away from children.

**DISPOSAL** Dispose of contents/container to an approved waste disposal plant.

**HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)** N/A

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WEIGHT - %
Tall Oil	8002-26-4	0-10

## 4. FIRST-AID MEASURES

### DESCRIPTION OF FIRST AID MEASURES

<b>GENERAL ADVICE</b>	Provide this SDS to medical personnel for treatment.
<b>EYE CONTACT</b>	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
<b>SKIN CONTACT</b>	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
<b>INHALATION</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
<b>INGESTION</b>	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

\*\*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.\*\*

### POTENTIAL ACUTE HEALTH EFFECTS

*Most important symptoms and effects, both acute and delayed*

**SYMPTOMS** No specific data

**NOTES TO PHYSICIAN** Treat symptomatically

## 5. FIRE-FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**UNSUITABLE EXTINGUISHING MEDIA** None known

**SPECIFIC HAZARDS ARISING FROM CHEMICAL** In a re or if heated, a pressure increase will occur and the container may burst.

### PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

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

## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

<b>PERSONAL PRECAUTIONS</b>	Use personal protective equipment as required.
<b>ENVIRONMENTAL PRECAUTIONS</b>	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### METHODS AND MATERIALS FOR CONTAMINATION AND CLEAN-UP

<b>CONTAMINATION</b>	Prevent further leakage or spillage is safe to do so
<b>CLEAN-UP</b>	Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

<b>PROTECTIVE MEASURES</b>	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapor/spray. Do not eat, drink, or smoke when using this product. Use personal protection recommended in Section 8.
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### CONDITIONS FOR SAFE STORAGE (INCLUDING ANY INCOMPATIBILITIES)

<b>STORAGE CONDITIONS</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.
<b>INCOMPATIBLE MATERIALS</b>	None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE GUIDELINES

**ENGINEERING CONTROLS:** Apply technical measures to comply with the occupational exposure limits.

### INDIVIDUAL PROTECTION MEASURES

<b>EYE/FACE PROTECTION</b>	Refer to 29 CFR 1910.133 for eye and face protection regulations.
<b>SKIN/BODY PROTECTION</b>	Refer to 29 CFR 1910.138 for appropriate skin and body protection.
<b>RESPIRATORY PROTECTION</b>	Refer to 29 CFR 1910.134 for respiratory protection requirements.
<b>GENERAL HYGIENE</b>	Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>PHYSICAL STATE</b>	Liquid
<b>APPERANCE</b>	Amber/Brown (Dark)
<b>COLOR</b>	Not determined
<b>ODOR</b>	Not determined
<b>ODOR THRESHOLD</b>	Not determined
<b>pH</b>	9.0
<b>MELTING POINT/FREEZING POINT</b>	-20.15°C (-4.3°F)
<b>BOILING POINT/BOILING RANGE</b>	360.85°C (681.5°F)
<b>FLASH POINT</b>	Open cup: 207.22°C (405°F) [Cleveland.]
<b>EVAPORATION RATE</b>	Not determined
<b>FLAMMABILITY (SOLID, GAS)</b>	Not determined
<b>UPPER FLAMMABILITY LIMITS</b>	Not determined
<b>LOWER FLAMMABILITY LIMITS</b>	Not determined
<b>VAPOR PRESSURE</b>	0 kPa (0 mm Hg) (room temperature)
<b>SPECIFIC GRAVITY</b>	Not determined
<b>RELATIVE DENSITY</b>	0.942 (20°C)
<b>WATER SOLUBILITY</b>	Very slightly soluble in the following materials: cold water and hot water. 0.04 g/l
<b>PARTITION COEFFICIENT N-OCTANOL/ WATER</b>	3.2 to 6.8
<b>AUTO-IGNITION TEMPERATURE</b>	Not determined
<b>DECOMPOSITION TEMPERATURE</b>	Not determined
<b>VISCOSITY</b>	Dynamic (room temperature): 203 to 825 mPa·s (203 to 825 cP) Kinematic (room temperature): 1.11 cm <sup>2</sup> /s (111 cSt) Kinematic (40°C (104°F)): 0.441 cm <sup>2</sup> /s (44.1 cSt)

**10. STABILITY AND REACTIVITY**

<b>REACTIVITY</b>	No specific test data related to reactivity available for this product or its ingredients.
<b>CHEMICAL STABILITY</b>	Stable under recommended storage conditions
<b>POSSIBILITY OF HAZARDOUS REACTIONS</b>	None under normal processing
<b>CONDITIONS TO AVOID</b>	Keep out of reach of children
<b>INCOMPATIBLE MATERIALS</b>	None known based on information supplied.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

*Information on likely routes of exposure.*

**EYE CONTACT** Non-irritating to the eyes.

**SKIN CONTACT** Non-irritating to the skin.

**COMPONENT INFORMATION**

<b>CHEMICAL NAME</b>	<b>ORAL LD50</b>	<b>DERMAL LD50</b>	<b>INHALATION LC50</b>
Tall Oil	= 66 g/kg ( Rat )	>2000 mg/kg ( Rat )	-

**SYMPTOMS** Please see section 4 of this SDS for symptoms.

**CARCINOGENICITY** No carcinogenic effect.

**NUMERICAL MEASURES OF TOXICITY-PRODUCT** Not determined.

**12. ECOLOGICAL INFORMATION**

**ECOTOXICITY** Not available

**PERSISTENCE AND DEGRADABILITY** Not determined

**BIOACCUMULATION** Not determined

**OTHER ADVERSE EFFECTS** Not determined

**13. DISPOSAL CONSIDERATIONS****WASTE TREATMENT METHODS**

**WASTE DISPOSAL** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**CONTAMINATED PACKAGING** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION****DOT**

Not regulated

**IATA**

Not regulated

**IMDG**

Not regulated



15. REGULATORY INFORMATION

LEGEND

TSCA United States Toxic Substances Control Act Section 8(B) Inventory

U.S. FEDERAL REGULATIONS

CERCLA

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

SARA 313/312 HAZARD CATEGORIES

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CLEAN WATER ACT (CWA)

This product does not contain any substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

16. OTHER INFORMATION

NFPA	HEALTH HAZARDS	FLAMMABILITY	INSTABILITY	SPECIAL HAZARDS
	Not determined	1	Not determined	Not determined
HMIS	HEALTH HAZARDS	FLAMMABILITY	PHYSICAL HAZARDS	PERSONAL PROTECTION
	Not determined	1	Not determined	Not determined

DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

END OF SAFETY DATA SHEET