

## 1. Identification

**Product Name:** ETHOX 2449  
**Product Use Description::** Emulsifier  
**Manufacturer:** Ethox Chemicals, LLC.  
**Street Address:** 1801 Perimeter Road  
**City/State:** Greenville, SC 29605  
**Company Contact #:** (864) 277-1620

### EMERGENCY CONTACT INFORMATION:

**Domestic Emergency Contact #:** 800-633-8253 PERS #8933  
**International Emergency Contact #:** 801-629-0667 PERS #8933

## 2. Hazards(s) identification

**Hazard Classification:** Skin Irritant, Category 2  
Eye Irritant, Category 2A

**Signal Word:** "WARNING"

**Hazard Statement:** H303 - May be harmful if swallowed  
H315 - Causes skin irritation  
H319 - Causes serious eye irritation

**Precautionary Statement:** (PREVENTION)  
P264 - Wash thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P280 - Wear protective gloves.

(RESPONSE)  
P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P330 - Rinse mouth.  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for 20 minutes  
Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing.

(Storage)  
P402 - Store in a dry place.

(Disposal)  
P501 - Dispose of content/container in accordance with local regulation.

### GHS Hazard Pictograms:



## 3. Composition / information on ingredients

**Chemical Name:** Proprietary  
**CAS Number:** Proprietary  
**Components:** Proprietary

## 4. First-aid measures

### Routes of Exposure & Symptoms:

**Ingestion:** Overexposure may cause gastrointestinal irritation, diarrhea, nausea and vomiting.  
**Eyes:** Overexposure causes excessive watering, redness and stinging.  
**Skin:** Overexposure may cause itching and redness similar to a rash.

### First Aid Response:

**Ingestion:** Contact physician or poison control center. If victim is conscious and able to swallow, quickly give milk or water to dilute. Do not give sodium bicarbonate, vinegar, or fruit juices. Never give anything by mouth if victim is unconscious or having convulsions. Induce vomiting only upon advice of a physician.

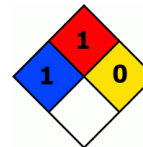
**Eye Contact:** Flush immediately with copious amounts of water. Continue flushing for at least 15 minutes. Seek medical attention!!!  
**Skin Contact:** Wash exposed areas with soap and water. If itching and redness persist, seek medical attention.

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## 5. Fire-fighting measures

**Flash Point, F:** 356 F

**NFPA Labeling:**



**Auto Ignition Temperature:** N/A

**Extinguishing Media:** Water spray, Foam, Dry Chemical, Carbon Dioxide (CO2).

**Special Procedures:** Wear self contained breathing apparatus when fighting a fire.

## 6. Accidental release measures

**Spill & Clean-up:** Contain material by diking the area around the spill. If the product is in a solid form, shovel directly into recovery drums. If the product is a liquid, it should be picked up using a suitable absorbent material, then shoveled into recovery drums.

## 7. Handling and storage

**Min/Max Storage Temperatures:** No special requirements

**Handling Precautions:** No special requirements

**Incompatible or Segregation:** If this chemical is being stored around hazardous material ensure that each chemical is compatible with each other by follow the segregation practices that are set in place by the local, state, & federal regulating offices.

## 8. Exposure controls / personal protection

**Respiratory Protection:** The use of a NIOSH approved respiratory protection may be needed if working in a poor ventilated area.

**Ventilation:** Ensure adequate ventilation, especially in confined areas.

**Protective Gloves:** Chemical resistant gloves

**Eye Protection:** Chemical goggles

**Work / Hygienic Practices:** Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

**Other Equipment:** Eye wash and safety shower in work area.

## 9. Physical and chemical properties

<b>Physical State:</b>	Liquid	<b>Specific Gravity:</b>	0.999
<b>Color:</b>	Light Amber	<b>Evaporation Rate:</b>	N/A
<b>Odor:</b>	Mild Amine	<b>Vapor Pressure:</b>	N/A
<b>Odor threshold:</b>	N/A	<b>Vapor Density:</b>	N/A
<b>pH.:</b>	5% 8.5-9.5	<b>Relative density:</b>	N/A
<b>Melting Point:</b>	N/A	<b>Solubility in Water:</b>	Soluble
<b>Boiling Point:</b>	N/A	<b>% Activity:</b>	98 Max
<b>Flash Point:</b>	356 F	<b>Auto Ignition Temperature:</b>	N/A
<b>Flammability:</b>	N/A	<b>Decomposition temperature:</b>	N/A
<b>Explosive limits:</b>	N/A	<b>Viscosity:</b>	N/A
<b>Partition coefficient::</b>	N/A		

## 10. Stability and reactivity

**Stability:** Stable

**Incompatibility:** Avoid contact with strong oxidizing agents.

**Hazardous Polymerization:** Will not occur.

## 11. Toxicological information

This product has not been tested. Information provided here has been derived from substances/products of a similar structure or composition.

<b>Oral LD50 (mg/kg bodyweight):</b>	No applicable information is available
<b>Dermal LD50 (mg/kg bodyweight):</b>	No applicable information is available
<b>Skin:</b>	Category 2 (Skin Irritant)
<b>Eye:</b>	Category 2A (Eye Irritant)
<b>Vapors (mg/l):</b>	No applicable information is available

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**Gases (ppmV):** No applicable information is available  
**Dusts & Mists (mg/l):** No applicable information is available  
**Carcinogenicity:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA

## 12. Ecological information

**Ecotoxicological Information:** Not determined  
**Bioaccumulation:** Not determined  
**Other Information:**

## 13. Disposal considerations

**Waste Disposal:** Consult local, state and federal regulations before disposing of this material.

**Spill:** If material is released into the environment, the user should determine whether the spill should be reported to the appropriate local, state, and federal authorities.

## 14. Transportation information

**US DOT:** NON-REGULATED MATERIAL

**IATA:** NON-REGULATED MATERIAL

**IMO/IMDG:** NON-REGULATED MATERIAL

**Marine Pollutant:** No

## 15. Regulatory information

### U.S Federal Regulation:

**TSCA Registered:** Yes  
**SARA Title III Section 313:** This product contains 19% Free Diethanolamine  
**R&D Exemption:** Unknown  
**Other:** California Proposition 65: Diethanolamine CAS# 111-42-2 19%

### International Regulations:

**European EU Classification:** Unknown  
**Australian (AICS) Listing:** Listed  
**Japanese (MITI) Listing:** Unknown

**Canadian (DSL) Listing:** Listed

**Philippines (PICCS) Listing:** Listed

**Korean Inventory List:** Listed

**China Inventory List:** Unknown

### Europe EU Requirement:

**Europe Requirements:** Unknown

## 16. Other information

**Date of Issue:** 04/15/2002

**HMIS Labeling:**

1	Health
1	Flammability
0	Reactivity
B	Protective Equipment

**Revision Date:** 10/21/2016

**Disclaimer:** This information is supplied under the OSHA Hazardous Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate.

End of Safety Data Sheet