

1. Identification

Product Name: ETHOX 4390
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
Very toxic to aquatic life, Category 1

Signal Word: "WARNING"

Hazard Statement: H303 - May be harmful if swallowed
H315 - Causes skin irritation
H320 - Causes eye irritation
H412 - Harmful to aquatic life with long lasting effects

Precautionary Statement: (PREVENTION)

P264 Wash thoroughly after handling.
P273 - Avoid release to the environment
P280 Wear protective gloves.

(Response)

P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P300 - Rinse mouth.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water
P305+351+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.
P391 - Collect spillage

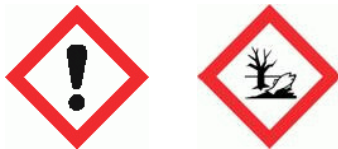
(Storage)

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.

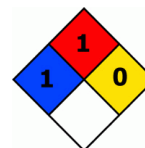
First Aid Response:

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.

5. Fire-fighting measures

Flash Point, F: >200 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: This chemical requires the use of a chemical resistant glove that meet ANSI/ISEA Standard is and necessary when handling this chemical.
Eye Protection: This chemical requires the use of a chemical protective goggles that meet ANSI/ISEA Standard when handling this chemical.
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

Physical State:	Liquid	Specific Gravity:	0.97
Color:		Evaporation Rate:	N/A
Odor:	Mild Alcohol	Vapor Pressure:	N/A
Odor threshold:	N/A	Vapor Density:	N/A
pH.:	N/A	Relative density:	N/A
Melting Point:	N/A	Solubility in Water:	Dispersable
Boiling Point:	N/A	% Activity:	99%
Flash Point:	>200 F	Auto Ignition Temperature:	N/A



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P.O. BOX 5094 • GREENVILLE, S.C. 29606 • PHONE (864) 277-1620 • FAX (864) 277-8981

Flammability: N/A
Explosive limits: N/A
Partition coefficient:: N/A
Decomposition temperature: N/A
Viscosity: 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.

Oral LD50 (mg/kg bodyweight): No applicable information is available
Dermal LD50 (mg/kg bodyweight): No applicable information is available
Skin: Category 2 (Skin Irritant)
Eye: Category 2A (Eye Irritant)
Vapors (mg/l): No applicable information is available
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: UN3082, Environmentally hazardous substances, liquid,nos(Alcohol,c12-16 poly(1-6)ethoxylate), 9, PG III
This material is regulated as a hazardous material by the DOT, only if being shipped in bulk quantities (Greater than 119 gallons per package)

IATA: UN3082, Environmentally hazardous substances, liquid,nos(Alcohol,c12-16 poly(1-6)ethoxylate), 9, PG III
IMO/IMDG: UN3082, Environmentally hazardous substances, liquid,nos(Alcohol,c12-16 poly(1-6)ethoxylate), 9, PG III
Marine Pollutant: Yes

15. Regulatory information

U.S Federal Regulation:

TSCA Registered: Yes
SARA Title III Section 313: This product does not contain material regulated under SARA Title III Sec 313
R&D Exemption: Unknown
Other:

Europe EU Requirement:

Europe Requirements: Unknown

International Regulations:

European EU Classification: Unknown
Australian (AICS) Listing: Unknown
Japanese (MITI) Listing: Unknown
Canadian (DSL) Listing: Unknown
Philippines (PICCS) Listing: Unknown
Korean Inventory List: Unknown
China Inventory List: Unknown

Continued...

16. Other information

Date of Issue: 11/13/2008

HMIS Labeling:

1	Health
1	Flammability
0	Reactivity
B	Protective Equipment

Revision Date: 06/08/2015

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