

1. Identification

Product Name: ETHOX 3231
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: "DANGER"

Hazard Statement:
H290 - May be corrosive to metals
H303 - May be harmful if swallowed
H314 - Cause severe skin burns and eye damage
H318 - Causes serious eye damage

Precautionary Statement: (PREVENTION)
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 - Do not breathe mists.
P264 - Wash thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/eye protection/face protection.

(RESPONSE)
P301 + P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361+P353 - IF ON SKIN (or Hair): Remove immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

(Storage)
P402 - Store in a dry place.
P405 - Store locked up.
P403+235 - Store in a well ventilated place. Keep cool.
P406 - Store in a corrosive resistant container with a resistant inner liner

(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: 300 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: 1.0
Color: Amber	Evaporation Rate: N/A
Odor: Moderate Amine	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: Dispersible
Boiling Point: N/A	% Activity: 98 Max



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Flash Point:	300 F	Auto Ignition Temperature:	N/A
Flammability:	N/A	Decomposition temperature:	N/A
Explosive limits:	N/A	Viscosity:	N/A
Partition coefficient:	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:	1C = >1 hr - <4 hr Exposure / <14 Days Observation
Eye:	Category 1 (Serious Eye Damage)
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:	UN3267, CORROSIVE LIQUID, BASIC, ORGANIC NOS (AMINE, FATTY ALKYL, ALKOXYLATED) 8, PGIII
IATA:	UN3267, CORROSIVE LIQUID, BASIC, ORGANIC NOS (AMINE, FATTY ALKYL, ALKOXYLATED) 8, PGIII
IMO/IMDG:	UN3267, CORROSIVE LIQUID, BASIC, ORGANIC NOS (AMINE, FATTY ALKYL, ALKOXYLATED) 8, PGIII
Marine Pollutant:	No.

15. Regulatory information

U.S Federal Regulation:

TSCA Registered:	
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
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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

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16. Other information

Date of Issue: 04/15/2002

HMIS Labeling:

3	Health
1	Flammability
0	Reactivity
D	Protective Equipment

Revision Date: 05/15/2015

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