

1. Identification

Product Identifier: **Red Dye**
 Use: Pigment
 Manufacturer: Alumilite
 315 E. North Street Kalamazoo, MI 49007 USA
 Phone Number: +1 800-447-9344 (9 a.m. to 5 p.m. EST)
 Emergency Phone: CHEMTREC 800-424-9300 or
 +1 703-527-3887
 E-mail: info@alumilite.com

2. Hazards Identification

GHS Classification:

Eye irritation – Category 2A
 Specific Target Organ Toxicity Repeat Exposure – Category 2
 Hazardous to the Aquatic Environment – Short-Term Hazard
 Category 3
 Hazardous to the Aquatic Environment – Long-Term Hazard
 Category 3

Label Elements: Warning



Hazard Phrases

H319 Causes serious eye irritation.
 H373 May cause damage to organs (Kidney) through prolonged or repeated exposure if swallowed.
 H412 Harmful to aquatic life with long lasting effects.

Precautionary Phrases

P260 Do not breathe dust/fume/gas/mist/vapors/spray.
 P264 Wash skin thoroughly after handling
 P273 Avoid release to the environment.
 P280 Wear eye protection/face protection
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P314 Get medical advice/attention if you feel unwell.
 P337+P313 If eye irritation persists: Get medical advice/attention
 P501 Dispose of contents/container in accordance with local/regional/national regulations.

3. Composition/Information on Ingredients

Chemical Name	CAS #	GHS Classification	%
2,2'-oxydiethanol	111-46-6	Spec. Organ Tox 2 Aquatic Tox Chronic 3	≥10 - <20

Exact concentrations are withheld as trade secret. Other ingredients are not classified as health, physical or environmental hazards, or are present below cut-off/concentration limits.

4. First-Aid Measures

Eye Contact: Immediately flush eyes with plenty of water. Remove contact lenses if safe and easy to do. Continue rinsing. Get medical attention if irritation persists.

Skin Contact: Remove contaminated clothing. Wash contact area thoroughly with soap and water. Get medical attention if irritation persists.

Inhalation: Remove person to fresh air. Get medical attention if symptoms persist.

Ingestion: Induce vomiting immediately and get medical attention. Do not give milk or alcoholic beverages. Take victim immediately to a hospital. Get medical attention if symptoms persists.

Most Important Symptoms/Effects: Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure if swallowed.

Indication of Immediate Medical Attention/Special Treatment: If swallowed, induce vomiting and take victim immediately to a hospital.

5. Fire-Fighting Measures

Extinguishing Media: Use water fog, foam, carbon dioxide or dry chemical. Use extinguishing media suitable for surrounding fire.

Specific Hazards: Not classified as flammable or combustible.

Special Protective Equipment & Precautions for Fire-Fighters: Wear positive pressure, self-contained breathing apparatus and full-body protective clothing. Cool fire-exposed containers with water. Avoid release to the environment. Do not allow contaminated runoff to enter sewer system or bodies of water.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Remove all ignition sources. Clear non-emergency personnel from the area. Wear appropriate protective clothing to prevent eye and skin contact and avoid breathing vapors.

Methods and Materials for Containment and Cleanup: Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. Avoid release to the environment. Do not release to drains, sewers, or bodies of water.

7. Handling and Storage

Safe Handling: Wear full protective equipment. Avoid contact with skin and eyes. Use with adequate ventilation. Do not breathe vapors/dust. Avoid release to the environment. Do not eat, drink or smoke in the work area.

Safe Storage: Keep containers tightly closed in a dry and well-ventilated place.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits: None.

Ventilation: Use with adequate general or local exhaust ventilation to minimize exposure.

Respiratory Protection: If ventilation is inadequate/poor, use a NIOSH-approved respirator suitable to meet permissible exposure limit.

Skin Protection: Wear impervious gloves, such as butyl rubber or nitrile rubber.

Eye Protection: Wear chemical safety glasses or tightly fitting goggles.

Other Protective Measures: Wear impervious clothing to prevent skin contact and contamination of personal clothing. An eye wash facility and washing facility should be available in the work area. Follow applicable regulations and good Industrial Hygiene practice.

9. Physical and Chemical Properties

Appearance: Liquid; red

Odor: Sweet

Odor Threshold: No data available

pH: No data available

Melting Point: No data available

Boiling Point: >212°F

Flash Point: 464°F

Evap. Rate: No data available

Upper/Lower Flammability Limits: Not flammable

Vapor Pressure: No data available

Vapor Density: No data available

Relative Density: 1.1 @ 25°C

Solubility: No data available

Partition Coefficient: n-octanol/Water: No data available

Auto-Ignition Temp: No data available
Decomposition Temp: No data available
Viscosity: No data available

10. Stability and Reactivity

Reactivity: Not normally reactive.
Chemical Stability: Stable under recommended conditions.
Possibility of Hazardous Reactions: None known.
Conditions to Avoid: None known.
Incompatible Materials: None known.
Hazardous Decomposition Products: None known under recommended conditions.

11. Toxicological Information

Eye Contact: Causes serious eye irritation.
Skin Contact: May cause mild skin irritation.
Inhalation: May cause mild respiratory irritation.
Ingestion: May cause damage to organs through prolonged or repeated exposure.
Chronic Health Effects: May cause damage to organs through prolonged or repeated exposure.
Acute Toxicity Values: For 2,2'-oxyethanol: Oral humans LD₀ 1g/kg
Germ Cell Mutagenicity: Components are not classified as mutagens.
Carcinogenicity: Components are not classified as carcinogens.
Reproductive Toxicity: Components are not classified as reproductive toxins.
Specific Target Organ Toxicity: May cause damage to organs (Kidney) through prolonged or repeated exposure if swallowed.

12. Ecological Information

Ecotoxicity: Avoid release to the environment (Long-Term Category 3).
Persistence and Degradability: No data available.
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.

13. Disposal Considerations

Dispose according to local, state and federal regulations. In the U.S., this product is not a RCRA hazardous waste (per 40 CFR 261).

14. Transport Information

Not regulated for transport in any mode.
EMERGENCY SHIPPING: CHEMTREC, 800-424-9300 or +1-703-527-3887

15. Regulatory Information

U.S. FEDERAL REGULATIONS:
CERCLA 103 Reportable Quantity: RQ for ammonium carbonate (506-87-6) is 5,000 lb. Some States have more stringent requirements. Report spills in accordance with local and state regulations.

SARA TITLE III

Section 311/312: Acute/Chronic
Section 313 Toxic Chemicals: This product does not contain chemicals subject to SARA Title III Section 313 Reporting requirements.
Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All components are listed on the TSCA inventory.

STATE REGULATIONS:

California Proposition 65: This product is not a chemical which is known to the State of California to cause cancer and/or reproductive harm. www.P65Warnings.ca.gov

16. Other Information

Training Advice: All personnel using/handling this product should be trained in proper chemical handling and the need for and use of engineering controls and protective equipment.

Recommended Uses and Restrictions: This product is intended for industrial/professional use only.

SDS Revision Notes: GHS Format, May 17, 2019

Disclaimer: The information contained herein is considered accurate; however, Alumilite makes no warranty regarding the accuracy of the information. The user must determine the suitability of the product for the intended use and accepts all risk and liability associated with that use.