



84172-4011

SAFETY DATA SHEET: Page 1

1. Identification

Product Identifier: **Brown Dye**
Orange Dye
Yellow Dye

Use: Pigments.

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:**

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

Label Elements: Warning

**Hazard Phrases**

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.

P273 Avoid release to the environment.

P314 Get medical advice/attention if you feel unwell.

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	≥1 - <5

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: Rinse cautiously with water, holding the eyelids open to be sure the material is washed out. 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.

Most Important Symptoms/Effects: 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. Use with adequate ventilation. Do not breathe vapors/dust. Avoid release to the environment. Do not eat, drink or smoke in the work area. Use good housekeeping techniques to control dust build-up on equipment and 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 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; colors vary

Odor: Sweet

Odor Threshold: No data available

pH: No data available

Melting Point: No data available

Boiling Point: >212°F

Flash Point: 518°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

**SAFETY DATA SHEET: Page 2****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: May cause mild 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 LD₅₀ 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: For Orange Dye: RQ for diammonium 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: Chronic health hazard.

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.