

1. Identification

Product Identifier: **White 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:

Carcinogenicity – Category 2
 Specific Target Organ Toxicity Repeat Exposure – Category 2

Label Elements: Warning



Hazard Phrases

H351 Suspected of causing cancer.
 H373 May cause damage to organs (Kidney) through prolonged or repeated exposure if swallowed.

Precautionary Phrases

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P308+P313 IF exposed or concerned: Get medical advice/attention
 P405 Store locked up.
 P501 Dispose of contents/container in accordance with local/regional/national regulations.

3. Composition/Information on Ingredients

Chemical Name	CAS #	GHS Classification	%
Titanium Dioxide	13463-67-7	Carcinogenicity 2	≥50 - <70
2,2'-oxydiethanol	111-46-6	Spec. Organ Tox 2	≥5 - <10

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 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. Do not give milk or alcoholic beverages. Take victim immediately to a hospital. Get medical attention if symptoms persist.

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, 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.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Remove all ignition sources. Clear non-emergency personnel from the area.

Methods and Materials for Containment and Cleanup: Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. Prevent product from entering drains.

7. Handling and Storage

Safe Handling: Wear full protective equipment. Use with adequate ventilation. Do not breathe vapors/dust. Avoid exposure. Avoid contact with skin and eyes. 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: For titanium dioxide (13463-67-7):
 ACGIH 10 mg/m³ TWA

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; white

Odor: No data available

Odor Threshold: No data available

pH: No data available

Melting Point: 32°F

Boiling Point: 212°F

Flash Point: >212°F

Evap. Rate: No data available

Upper/Lower Flammability Limits: Not flammable

Vapor Pressure: No data available

Vapor Density: No data available

Relative Density: No data available

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: 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 LD₀ 1g/kg
Germ Cell Mutagenicity: Components are not classified as mutagens.
Carcinogenicity: Titanium dioxide is an IARC 2B carcinogen and is classified as possibly carcinogenic to humans. No other ingredients are classified as carcinogens by NTP, IARC or OSHA.
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: No data available. Do not release into waterways.
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: Not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal 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: Warning: This product contains a chemical known to the State of California to cause cancer.
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.