1. Identification

Product Identifier: Violet 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:
- Hazardous to the Aquatic Environment – Short-Term Hazard Category 2
- Hazardous to the Aquatic Environment – Long-Term Hazard Category 2
- Specific Target Organ Toxicity Repeat Exposure – Category 2

Label Elements: Warning

Hazard Phrases
- H373: May cause damage to organs (Kidney) through prolonged or repeated exposure if swallowed.
- H411: Toxic 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.
- P391: Collect spillage.
- P501: Dispose of contents/container in accordance with local/regional/national regulations.

3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS #</th>
<th>GHS Classification</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,2'-oxydiethanol</td>
<td>111-46-6</td>
<td>STOT-RE 2</td>
<td>≥1 - &lt;5</td>
</tr>
</tbody>
</table>

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.

6. Accidental Release Measures

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

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.

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 limit exposure.

Respiratory Protection: If ventilation is inadequate, use a NIOSH-approved respirator as appropriate.

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 shower should be available in the work area. Follow applicable regulations and good Industrial Hygiene practice.

9. Physical and Chemical Properties

Appearance: Liquid; dark violet
Odor: No data available
Odor Threshold: No data available
pH: No data available
Melting Point: <32°F
Boiling Point: >212°F
Flash Point: 536°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.

Date Prepared/Revised: May 17, 2019
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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 (Short-Term Category 2, Long-Term Category 2).

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

U.S.: UN 3082, Environmentally hazardous substance, liquid, n.o.s. (Polyoxyalkylene colorant), 9, III, RQ. Not regulated as a hazardous material by US DOT in containers of 5-gal or less.

International shipments: UN 3082, Environmentally hazardous substance, liquid, n.o.s. (Polyoxyalkylene colorant), 9, III. Excepted from IMDG and IATA regulations in containers of 5 liters or less (see IATA SP A197 and IMDG 2.10.2.7).

Emergency Shipping Information: CHEMTREC, 800-424-9300 or +1-703-527-3887

15. Regulatory Information

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: RQ for diammonium carbonate (506-87-6) is 5,000 lb. RQ for orthophosphoric acid (7664-38-2) 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 does not contain a chemical 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.