

## 1. Identification

Product Identifier: **Phosphorescent Powder**  
 Use: Mold Making and Casting  
 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](mailto:info@alumilite.com)

## 2. Hazards Identification

### GHS Classification:

Hazardous to the Aquatic Environment – Long-Term Hazard Category 2

Label Elements: None



### Hazard Phrases

H411 Toxic to aquatic life with long-lasting effects.

### Precautionary Phrases

P273 Avoid release to the environment.  
 P391 Collect spillage.  
 P501 Dispose of contents and container in accordance with local, regional and national regulations. Treat as nuisance dust – avoid inhalation of dusts.

## 3. Composition/Information on Ingredients

Chemical Name	CAS #	GHS Classification	%
Luminova G	Accession #152751	Aquatic Tox Chronic 2	99-100
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:** Rinse mouth with water. Get medical attention if you feel unwell.

**Most Important Symptoms/Effects:** None

**Indication of Immediate Medical Attention/Special Treatment:** None

## 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:** Vacuum or sweep into a properly labeled container and seal. Avoid generating dust. 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. Avoid scattering into the air. 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:** Store in cool, dry area. Store in original containers. Avoid oxidizing agents.

## 8. Exposure Controls/Personal Protection

**Occupational Exposure Limits:** None apply.

**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; Light yellowish-green

**Odor:** None

**Odor Threshold:** No data available

**pH:** 10-11.5

**Melting Point:** >1000°C

**Boiling Point:** No data available

**Flash Point:** No data available

**Evap. Rate:** No data available

**Upper/Lower Flammability Limits:** Not flammable

**Vapor Pressure:** No data available

**Vapor Density:** No data available

**Relative Density:** 3.6 @ 25°C

**Solubility:** 0.3g/L (300mg/L)

**Partition Coefficient: n-octanol/Water:** log POW <0

**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:** Contact with incompatibles. Avoid generation of Dust. Avoid moisture.

**Incompatible Materials:** Avoid contact with acids and strong oxidizing agents.

**Hazardous Decomposition Products:** None known under recommended conditions.

## 11. Toxicological Information

**Eye Contact:** May cause eye irritation.

**Skin Contact:** May cause skin irritation.

**Inhalation:** May cause respiratory irritation.

**Ingestion:** This route of exposure is not likely. No known effects.

**Chronic Health Effects:** Not fully determined.

**Acute Toxicity Values:** Oral rat LD50 >2000 mg/kg; Dermal rabbit LD50 >2000 mg/kg.

**Respiratory Sensitization:** Components are not classified as respiratory sensitizers.

**Skin Sensitization:** Components are not classified as skin sensitizers.

**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:** No data available.

## 12. Ecological Information

**Ecotoxicity:** Avoid release to the environment. (Long-Term Category 2).

**Persistence and Degradability:** Inorganic substance – not expected to be readily biodegradable

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.

## 13. Disposal Considerations

Dispose according to local, state and federal regulations. Do not release to the environment. Dispose of in sealed containers, using a licensed chemical waste hauler.

## 14. Transport Information

**US Ground Transport:** UN 3077, Environmentally hazardous substance, solid, n.o.s. (Luminova), 9, III

**IATA:** UN3077, Environmentally hazardous substance, solid, n.o.s. (Luminova), 9, III.

**IMDG:** UN3077, Environmentally hazardous substance, solid, n.o.s. (Luminova), 9, III. Limited Qty: 5kg, Marine Pollutant

Excepted from IMDG and IATA regulations in containers of 30g 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:** This product is 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:** None

**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](http://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, April 30, 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.