



# SAFETY DATA SHEET

## 1. PRODUCT IDENTIFICATION

Product Name: POLY-BRITE FILTER TABS  
Synonym(s): None available  
Recommended Uses: Coagulating & Flocking Compound  
SDS Reference: 84

Company Information: ALLCHEM PERFORMANCE PRODUCTS, INC. Distributed By: WATER TECHNIQUES, INC  
6010 NW FIRST PLACE 14260 W. NEWBERRY RD #162  
GAINESVILLE, FL 32607 NEWBERRY FL 32669  
Tel: 352-378-9696  
24 HOUR EMERGENCY NUMBER: INFOTRAC (TRANSPORTATION): 1-800-535-5053

## 2. HAZARD(S) IDENTIFICATION

Classification: ORAL HAZARD  
EYE IRRITANT  
REPRODUCTIVE TOXIN



Signal Word: DANGER

Hazard Statements: HEALTH HAZARD:  
Oral Toxicity - Harmful if swallowed - Category 4 - H302  
Reproductive Toxin - May damage fertility or the unborn child (based on animal chronic toxicity) - Category 1 - H360  
Eye Damage/Irritation - Causes eye irritation - Category 2B - H320

Precautionary Statements: Wear eye/face protection. Wash hands and any exposed skin thoroughly after handling. Suspected of damaging the unborn child (based on animal chronic toxicity).

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, obtain medical attention.

Skin Contact: Wash with plenty of water. If irritation persists, obtain medical attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Ingestion: Call a physician if you feel unwell.

## 3. COMPOSITION

Chemical Name: Trade Secret

PERCENT % CAS #

The specific identity and/or percentages of this product are being withheld as a trade secret. The specific hazards of this product are noted in the applicable sections of this document.

## 4. FIRST AID

If In Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

If on Skin or Clothing: Wash off immediately with plenty of water. Take off contaminated clothing. Wash contaminated clothing before reuse.

If Inhaled: Remove to fresh air.

If Swallowed: Rinse mouth. Do not induce vomiting. Get medical attention if there are symptoms.

Note: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

## 5. FIREFIGHTING MEASURES

Suitable / Unsuitable Extinguishing Media: Aluminum Sulfate will not burn. Use methods for the surrounding fire and other materials involved in the fire.

Specific Hazards from Chemical: If exposed to temperatures greater than 1400°F, Aluminum Sulfate will decompose generating toxic and corrosive gas.

Special Protective Equipment: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Do not release runoff from fire control methods to sewers or waterways.

Other Information:

## 6. ACCIDENTAL RELEASE MEASURES



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**Personal Precautions:** Use appropriate protective equipment. See Section 8 for Personal Protective Equipment.

**Methods and Materials for cleanup:** Do not discharge wastewaters to the environment or a wastewater treatment plant without authorization from the appropriate officials. Prevent further leakage or spillage if safe to do so. Sweep up and shovel into suitable containers for disposal. Flush residue with water. Neutralize with soda ash or lime if necessary. Aluminum Sulfate solutions can have a pH less than two. The neutralization of aluminum sulfate can generate carbon dioxide.

## 7. HANDLING AND STORAGE

**Handling:** Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8. Minimize dust generation and accumulation. Avoid moisture contamination.

**Storage:** Keep containers tightly closed in a dry, cool and well-ventilated place. Wet aluminum sulfate will corrode steel.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS

**OSHA permissible exposure limit:** No exposure limits noted for product.

**Appropriate Engineering Controls:** Showers. Eyewash stations. The best protection is to enclose operations and/or provide local exhaust ventilation at the site of the chemical release. Dust emission control may be required depending on the dust generation rate. Isolation operations can also reduce exposure.

**Individual Protection Measures:**  
**Eye/Face Protection:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye & face protection regulations in 29 CFR 1910.133 or European Standard EN166. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with, contact lenses.  
**Skin and Body Protection:** Wear appropriate clothing to prevent repeated or prolonged skin contact.  
**Respiratory Protection:** Seek professional advice prior to respirator selection and use. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. **WARNING!** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.  
**General Hygiene Considerations:** Do not eat, drink or smoke when using this product. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. **Contaminated Equipment:** Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b> White tablet	<b>Flammability (solid/gas):</b> No data available
<b>Odor:</b> None	<b>Upper/lower Flammability or Exposure limits:</b> No data available
<b>Odor Threshold:</b> No data available	<b>Vapor Pressure:</b> No data available
<b>pH:</b> 3.61	<b>Vapor Density:</b> No data available
<b>Melting Point/Freezing Point:</b> No data available	<b>Density:</b> 0.84 g/ml
<b>Initial Boiling Point/Boiling Range:</b> No data available	<b>Solubility(ies):</b> No data available
<b>Flash Point:</b> No data available	<b>Partition Coefficient: n-octanol/water:</b> No data available
<b>Evaporation Rate:</b> No data available	<b>Auto-ignition Temperature:</b> No data available
	<b>Decomposition Temperature:</b> No data available
	<b>Viscosity:</b> No data available

## 10. STABILITY AND REACTIVITY

**Stability/Reactivity:** Stable under normal storage conditions

**Possibilities of Hazardous Reactions:** Hazardous Polymerization: Will Not Occur

**Conditions to Avoid:** Contact with incompatible materials.

**Incompatible Materials:** Alkalis. Water-reactive materials.

**Hazardous Decomposition Materials:** Thermal oxidative decomposition of Aluminum Sulfate occurs at temperatures greater than 1400°F and can produce sulfur oxides.

## 11. TOXICOLOGICAL INFORMATION



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**Acute Toxicity:** COMPONENT TOXICITY:  
Contains Aluminum Sulfate:  
Oral Toxicity: 1930 mg/kg (Rat)  
Eye Damage: Causes serious eye damage.  
  
No other toxicity data is available.

**Chronic Toxicity:** No data available.

**Reproductive Toxicity:** COMPONENT TOXICITY:  
A human study of occupationally exposed Borate worker population showed no adverse reproductive effects. Animal studies indicate that Boric Acid reduces or inhibits sperm production, causes testicular atrophy, and, when given to pregnant animals during gestation, may cause developmental changes. These feed studies were conducted under chronic exposure conditions leading to doses many times in excess of those that could occur through inhalation of dust in the occupational setting.

**Carcinogenicity:** Components are not listed as a carcinogen.

**Mutagenicity:** No data available

## **12. ECOLOGICAL INFORMATION**

**Aquatic Toxicity:** No data available.

**Avian Toxicity:** No data available.

**Environmental Hazards:** No data available.

## **13. DISPOSAL CONSIDERATIONS**

**Disposal:** Disposal should be in accordance with applicable regional, national and local laws and regulations.

## **14. TRANSPORTATION INFORMATION**

Package exceptions may be applicable. Refer to the appropriate IMDG, IATA and/or 49 CFR regulations accordingly.

**DOT:** Not Regulated

## **15. REGULATORY INFORMATION**

**TSCA:** USA: Reported in the EPA TSCA Inventory.

**SARA (311, 312):** Acute Health Hazard

**SARA 313:** None of the ingredients are listed.

**Right To Know Hazardous Substance List:** California Prop 65: This product does not contain any PROP 65 listed chemical at or above the established NSRL or MADL.

**Waste Classification:** No data available.

**Workplace Classification:** This product is considered hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).

**CERCLA Reportable Quantity:** Aluminum Sulfate - 5000 lbs

## **16. OTHER INFORMATION**

ALWAYS COMPLY WITH ALL APPLICABLE INTERNATIONAL, FEDERAL, STATE AND LOCAL REGULATIONS REGARDING THE TRANSPORTATION, STORAGE, USE AND DISPOSAL OF THIS CHEMICAL. Due to the changing nature of regulatory requirements, the REGULATORY INFORMATION listed in Section 15 of this document should NOT be considered all-inclusive or authoritative. International, Federal, State and Local regulations should be consulted to determine compliance with all required reporting requirements. The information in this SDS was obtained from sources, which we believe are reliable. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS CORRECTNESS. The conditions or methods of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THE PRODUCT. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

**HMIS Rating:** Health: 1  
Flammability: 0  
Reactivity: 0

**NFPA Rating:** Health: 1  
Flammability: 0  
Reactivity: 0

**Created On:** 6/2/2015  
**Revision Date:** 2/11/2020

**Special Hazard Warning:** Not applicable