



# SAFETY DATA SHEET

## 1. PRODUCT IDENTIFICATION

Product Name: SUPER FLOC-OUT  
Synonym(s): FLOC OUT  
Recommended Uses: Flocculant for Swimming Pools  
SDS Reference: 33

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: Not subject to GHS classification  
Signal Word: Not Applicable  
Hazard Statements: This product is not considered hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).  
Precautionary Statements: Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash separately before reuse.  
Eye Contact: Not Applicable  
Skin Contact: Not Applicable  
Inhalation: Not Applicable  
Ingestion: Not Applicable

## 3. COMPOSITION

	<u>PERCENT %</u>	<u>CAS #</u>
Chemical Name: Aluminum Chloride Hydroxide	100	12042-91-0

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: Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.  
If on Skin or Clothing: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.  
If Inhaled: Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.  
If Swallowed: If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.  
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: Use an extinguishing agent suitable for the surrounding fire.  
Specific Hazards from Chemical: Product is not flammable. No hazardous decomposition data available.  
Special Protective Equipment: See Section 8 for protective equipment.  
Other Information: No data available.

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: See Section 8 (Personal Protective Equipment).  
Methods and Materials for cleanup: Do not allow spills to enter drains or waterways. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.  
Large Spill: Dam area to prevent spill from entering fish-bearing waters. Pump into disposable container.  
Small Spill: Product may be neutralized with weak base such as sodium bicarbonate. Flush to sewer with



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water.

## 7. HANDLING AND STORAGE

Handling: Keep containers tightly closed  
Storage: Store in accordance with good manufacturing practices. Store in stainless steel, Teflon, polyethylene, or polypropylene.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS

OSHA permissible exposure limit: None established.  
Appropriate Engineering Controls: Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.  
Individual Protection Measures: Respiratory Protection: None required.  
Eyes Protection: Wear safety glasses or goggles. Eye wash fountains in work area are recommended.  
Skin Protection: It is recommended that workers wear body-protective clothing and shoes. Wear rubber gloves.  
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, Colorless Liquid	Flammability (solid/gas):	Not Applicable
Odor:	No Smell	Upper/lower Flammability or	No data available
Odor Threshold:	No data available	Exposure limits:	
pH:	4.3	Vapor Pressure:	Same as water
Melting Point/Freezing Point:	No data available	Vapor Density:	Same as water
Initial Boiling Point/Boiling Range:	No data available	Density:	9.514 lbs/gal
Flash Point:	No data available	Solubility(ies):	Miscible
Evaporation Rate:	No data available	Partition Coefficient: n-octanol/water:	No data available
		Auto-ignition Temperature:	No data available
		Decomposition Temperature:	No data available
		Viscosity:	No data available

## 10. STABILITY AND REACTIVITY

Stability/Reactivity: Stable under normal circumstances.  
Possibilities of Hazardous Reactions: Hazardous Polymerization: Will Not Occur  
Conditions to Avoid: At temperatures above 500 °F hydrogen chloride gas will be liberated.  
Incompatible Materials: Concentrated product is incompatible with copper and untreated steel.  
Hazardous Decomposition Materials: No hazardous decomposition data available.

## 11. TOXICOLOGICAL INFORMATION

Acute Toxicity: No toxicity data available on Aluminum chloride hydroxide  
Chronic Toxicity: No data available.  
Reproductive Toxicity: No data available.  
Carcinogenicity: This product is not classified as a carcinogen by NTP, IARC or OSHA.  
Mutagenicity: No data available.

## 12. ECOLOGICAL INFORMATION

Aquatic Toxicity: No data available.  
Avian Toxicity: No data available.  
Environmental Hazards: No data available.



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## **13. DISPOSAL CONSIDERATIONS**

Disposal: For small spills, dilute with copious amounts of water and flush to sewer. For large volumes, bury in an approved landfill according to federal, state and local 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: All components of this material are either listed or exempt from listing on the TSCA Inventory.  
SARA (311, 312): To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.  
SARA 313: To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.  
Right To Know Hazardous Substance List: California - This product is not listed on California Prop 65.  
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.  
Waste Classification: No data available.  
Workplace Classification: This product is not considered hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).  
CERCLA Reportable Quantity: To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

## **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: Not data available

NFPA Rating: Not data available

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Special Hazard Warning: Not Applicable