



SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Product Name: PH MINUS
Synonym(s): pH Reducer; pH Minus
Recommended Uses: Lowers pH in Swimming Pools or Spas
SDS Reference: 90
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: CORROSIVE
Signal Word: DANGER
Hazard Statements: HEALTH HAZARDS:
Serious Eye Damage / Irritation - Causes serious eye damage - Category 1 - H318
Precautionary Statements: Wear eye and face protection. Wash hands thoroughly after handling.
Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Control center or physician.
Skin Contact: Prolonged exposure may cause skin irritation.
Inhalation: Inhalation of dust may irritate nose, throat and/or lungs.
Ingestion: Small amounts (tablespoonful) swallowed are not likely to cause injury; however, swallowing large amounts may irritate or burn digestive tract.



3. COMPOSITION

	PERCENT %	CAS #
Chemical Name: Sodium Bisulfate	>90	7681-38-1

4. FIRST AID

If In Eyes: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. If redness or irritation persists, get prompt medical attention.
If on Skin or Clothing: In case of contact, immediately flush skin with plenty of water for at least 20 minutes. If skin irritation occurs, seek medical attention.
If Inhaled: Moved exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. If irritation or discomfort persists, seek medical attention.
If Swallowed: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call medical doctor or poison control center immediately.
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: Use material suitable for surrounding fire conditions.
Extinguishing Media:
Specific Hazards from Chemical: No specific fire or explosion hazard.
Special Protective Equipment: Wear appropriate protective equipment and self-contained breathing apparatus with full face-piece operated in positive pressure mode.
Other Information:

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Do not breathe dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. See Section 8 for Personal Protective Equipment.
Methods and Materials for cleanup: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).



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For Small Spills: Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

For Large Spills: Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

7. HANDLING AND STORAGE

Handling: Put on appropriate personal protective equipment (see Section 8). Avoid breathing dusts. Wash thoroughly after handling. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

Storage: Material is hygroscopic and will readily absorb moisture. DO NOT store dry product where exposed to moist conditions. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS

OSHA permissible exposure limit: None.

Appropriate Engineering Controls: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual Protection Measures: Respiratory Protection: In dusty atmospheres ($>10 \text{ mg/m}^3$), use a NIOSH-approved dust respirator. Eye Protection: Safety eyewear should be used when there is a likelihood of exposure. Recommended: Safety glasses with side shields. Skin Protection: Use gloves appropriate for work or task being performed. Recommended: Rubber gloves. Cotton-blend coveralls. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Off-white crystalline granules	Flammability (solid/gas):	No data available
Odor:	Fresh to pungent	Upper/lower Flammability or	No data available
Odor Threshold:	No data available	Exposure limits:	
pH:	<1 (% w/w): 5%	Vapor Pressure:	No data available
Melting Point/Freezing Point:	250.6°F (177°C)	Vapor Density:	No data available
		Density:	1.28 g/cm ³
		Solubility(ies):	No data available
Initial Boiling Point/Boiling Range:	No data available	Partition Coefficient: n-octanol/water:	No data available
Flash Point:	No data available	Auto-ignition Temperature:	No data available
Evaporation Rate:	No data available	Decomposition Temperature:	No data available
		Viscosity:	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: DO NOT store dry product where exposed to moist conditions.

Incompatible Materials: Reactive or incompatible with the following materials: oxidizing materials, acids and alkalis. DO NOT MIX dry or concentrated solutions of this product with concentrated solutions of chlorine bleach, ammonia cleansers or similar products.

Hazardous Decomposition Materials: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Oral LD50: 2800 mg/kg (Rat)

Potential Acute Health Effects:
Eye contact: Causes serious eye damage.



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Inhalation: Inhalation of dust may irritate nose, throat and/or lungs.

Skin contact: Prolonged exposure may cause skin irritation.

Ingestion: Small amounts (tablespoonful) swallowed are not likely to cause injury; however, swallowing large amounts may irritate or burn digestive tract.

No other toxicity data is available.

Chronic Toxicity: None known

Reproductive Toxicity: None known

Carcinogenicity: None known

Mutagenicity: None known

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: No data available.

Avian Toxicity: No data available.

Environmental Hazards: No data available.

13. DISPOSAL CONSIDERATIONS

Disposal: The generation of waste should be avoided or minimized wherever possible. This material and its container must be disposed of in a safe way. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Empty containers or liners may retain some product residues. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste must be disposed of in accordance with federal, state and local environmental control 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 or are exempt.

SARA (311, 312): Acute Health Hazard

SARA 313: None of the ingredients are listed.

Right To Know Hazardous Substance List: California Proposition 65: This product is not listed.

Waste Classification: No data available.

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

CERCLA Reportable Quantity: Not applicable.

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

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Special Hazard Warning: Not applicable.