

PROtech SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Product Name: DRY FILTER CLEANER
Synonym(s): Dry Filter Cleaner
Recommended Uses: Pool and Spa Cartridge Filter Cleaner
SDS Reference: 51

Company Information: ALLCHEM PERFORMANCE PRODUCTS, INC. Distributed By: WINDO
6010 NW FIRST PLACE 6934 EAST FIRST AVENUE SUITE 101
GAINESVILLE, FL 32607 SCOTTSDALE AZ 85251
Tel: 352-378-9696
24 HOUR EMERGENCY NUMBER: INFOTRAC (TRANSPORTATION): 1-800-535-5053

2. HAZARD(S) IDENTIFICATION

Classification: EYE IRRITANT
SKIN IRRITANT



Signal Word: WARNING

Hazard Statements: HEALTH HAZARDS:
Eye Irritant - Causes serious eye irritation - Category 2 - H319
Skin Irritant - Causes skin irritation - Category 2 - H315
Oral Hazard - May be harmful if swallowed - Category 5 (not adopted by OSHA_US)

Precautionary Statements: Wash thoroughly after handling. Wear protective gloves / eye protection / face protection.

Eye Contact: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. If eye irritation persists, get medical advice / attention.

Skin Contact: Wash with plenty of soap and water. If skin irritation occurs, get medical advice / attention. Take off contaminated clothing and wash before reuse.

Inhalation: Causes coughing and irritation of the nose, throat, and mucous membranes.

Ingestion: May cause serious damage to mouth, esophagus, and stomach.

3. COMPOSITION

	PERCENT %	CAS #
Chemical Name: Sodium Bisulfite	50 - 75	7631-90-5
Sulphamic Acid	25 - 50	5329-14-6

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: Water spray, dry chemical, carbon dioxide, or alcohol foam as appropriate.

Specific Hazards from Chemical: Hazardous decomposition: May release sulfur dioxide, sulfur trioxide, and ammonia if heated over 570°F.

Special Protective Equipment: Evacuate area of unprotected personnel. Wear protective clothing including NIOSH-Approved self-contained breathing apparatus. Run-off from fire control may cause pollution. Water solutions are strongly acidic.

Other Information:

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Put on appropriate personal protective equipment (see section 8).

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.
In the case of large spills, evacuate unprotected personnel from the area, and take care that proper ventilation is maintained and proper safety equipment is being used. Sweep up material into containers for neutralizing with soda ash. Flush area with water.
Contain, dilute cautiously with water, and neutralize with soda ash or lime.

7. HANDLING AND STORAGE

Handling: Keep container closed after each use.

Storage: Store in a dry, cool location. Keep container closed after each use.
Incompatible materials: Cyanides, sulfides, chlorine, hypochlorites. Avoid contact with strong alkalines and materials similarly caustic. Reacts with water to form weak sulfuric acid solution.

8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS

OSHA permissible exposure limit: COMPONENT INFO:
Sulphamic acid - no established limits
Sodium bisulfite:
ACGIH:TWA: 5 mg/m³
NIOSH: 5 mg/m³

The exposure limits for nuisance dust are: OSHA PEL: 15 mg/m³ (50 mppcf*) TWA, ACGIH 10 mg/m³.

No other limits 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: Use NIOSH/MSHA approved respirator, following manufacturer's recommendations when concentrations exceed permissible exposure limits.
Eyes Protection: Wear safety glasses or goggles. Eye wash fountains in work area are recommended.
Skin Protection: It is recommended that workers wear a rubber apron, chemical safety shoes, and protective clothing to cover their skin. Provide a safety shower in the work area. Wear acid-resistant 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:	Off-white Powder	Flammability (solid/gas):	Not Applicable
Odor:	Mild acidic odor	Upper/lower Flammability or Exposure limits:	No data available
Odor Threshold:	No data available	Vapor Pressure:	No data available
pH:	1.18	Vapor Density:	No data available
Melting Point/Freezing Point:	Decomposes at 209°C	Density:	83 lbs/ft ³
Initial Boiling Point/Boiling Range:	No data available	Solubility(ies):	Completely soluble
Flash Point:	No data available	Partition Coefficient: n-octanol/water:	No data available
Evaporation Rate:	No data available	Auto-ignition Temperature:	No data available
		Decomposition Temperature:	209°C
		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: Avoid temperatures above 400°F. Hygroscopic materials. Avoid contact with moisture.

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Incompatible Materials: Cyanides, sulfides, chlorine, hypochlorites. Avoid contact with strong alkalines and materials similarly caustic. Reacts with water to form weak sulfuric acid solution.

Hazardous Decomposition Materials: May release sulfur dioxide, sulfur trioxide, and ammonia if heated over 570°F.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: COMPONENT TOXICITY:
Sodium Bisulfite
LD50: 1540 mg/kg Rat
Sulphamic acid
LD50: 3160 mg/kg Rat

Acute Toxicity Estimates:
Acute toxicity (oral) - Category 5
Skin Corrosion - Category 2
Serious Eye Damage - Category 2

No other toxicity data is available

Chronic Toxicity: No data available

Reproductive Toxicity: No data available

Carcinogenicity: Not listed as a carcinogen by NTP, IARC or OSHA.

Mutagenicity: No data available

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: Sodium Bisulfite
LC50 (96h): 240 mg/l Mosquito Fish
EC50 (48h): 119 mg/l Daphnia magna

Sulphamic acid:
LC50 (96h): 14.0 Pimpephales promelas

No other toxicity data is available.

Avian Toxicity: No data available.

Environmental Hazards: The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and GHS and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment.

13. DISPOSAL CONSIDERATIONS

Disposal: If approved by Federal, State, and local regulations, neutralize with soda ash and flush to sewer.
Container disposal: Dispose of at an approved landfill site or waste treatment facility.

14. TRANSPORTATION INFORMATION

Transportation: Please refer to applicable regulations or call company noted under Section I.

15. REGULATORY INFORMATION

TSCA: USA: Reported in the EPA TSCA Inventory.

SARA (311, 312): Acute Health Hazard

SARA 313: To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Right To Know California Proposition 65: This product and is not listed.

Hazardous Substance New Jersey - Sodium Bisulfite, Sulphamic Acid listed.

List: Pennsylvania - Sodium Bisulfite 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: Sodium Bisulfite (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: No data available

NFPA Rating: No data available

Revision Date: 5/29/2015

Special Hazard Warning: Not applicable