

PROtech SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Product Name: SPA FILTER CLEANER
Synonym(s): None available
Recommended Uses: Filter Cleaner and Degreaser
SDS Reference: 65

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: CORROSIVE



Signal Word: DANGER

Hazard Statements: HEALTH HAZARDS:
Skin Corrosion - Causes severe skin burns and eye damage - Category 1A - H314
Eye Damage - Causes serious eye damage - Category 1 - H318

Precautionary Statements: Do not breathe mist / vapors / spray. Wash thoroughly after handling. Wear protective gloves / eye protection / face protection. Store locked up. Dispose of contents / container in accordance with local / national regulations.

Eye Contact: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. Obtain medical assistance immediately.

Skin Contact: Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. If irritation persists, obtain medical attention.

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

Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor / physician.

3. COMPOSITION

	<u>PERCENT %</u>	<u>CAS #</u>
Chemical Name: Ethylene Glycol Monobutyl Ether	1.0 - 10	111-76-2
Sodium Xylene Sulfonate	1.0 - 10	1300-72-7
Sodium Hydroxide	1.0 - 10	1310-73-2
Sodium Silicate	1.0 - 10	1344-09-8
Nonylphenol Polyethylene Glycol Ether	1.0 - 10	127087-87-0

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: Corrosive and irritating to upper respiratory tract and mucous membranes. Remove affected person to fresh air; wash mouth and nasal passages with water repeatedly; if breathing difficulties persist, seek medical attention

If Swallowed: Drink large quantities of water or milk; give diluted vinegar or lemon juice to conscious person; DO NOT induce vomiting; seek medical attention 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 media appropriate for surrounding area.

Extinguishing Media:

Specific Hazards from Chemical: Hazardous decomposition: Oxides of Carbon
Do not breathe mist / vapors / spray.

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Special Protective Equipment: None.

Other Information: No data available

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.
For Spills: Neutralize residue with dilute acid. Flush spill with water.

7. HANDLING AND STORAGE

Handling: Avoid storing next to strong acids. If product is added too rapidly, or without stirring it may become concentrated at the bottom of mixing vessel; excessive heat may be generated, resulting in dangerous boiling and splattering, and a possibly an immediate and violent reaction.

Storage: Wear protective clothing when handling. Store in a cool place away from acids.
Incompatible materials: Incompatible with acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS

OSHA permissible exposure limit: COMPONENT INFORMATION:
Ethylene glycol monobutyl ether:
OSHA: TWA 50 ppm (240 mg/m³) [skin]
ACGIH: TWA: 20 ppm - Revised 2003
NIOSH: TWA 5 ppm (24 mg/m³) [skin]

Sodium hydroxide:
OSHA:TWA 2 mg/m³
ACGIH: Ceiling: 2 mg/m³
NIOSH: C 2 mg/m³

No other established limits.

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: A local exhaust system is recommended if used inside.
Eyes Protection: Wear safety glasses or goggles. Eye wash fountains in work area are recommended.
Skin Protection: Employees should wear an impervious apron or impervious clothing to protect from splashes. 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:	Liquid	Flammability (solid/gas):	Not Applicable
Odor:	Mild Odor	Upper/lower Flammability or Exposure limits:	No data available
Odor Threshold:	No data available	Vapor Pressure:	0.88 mmHg @25°C
pH:	11.5	Vapor Density:	4.10
Melting Point/Freezing Point:	No data available	Density:	8.929 lbs/gal
Initial Boiling Point/Boiling Range:	212°F (100°C)	Solubility(ies):	Miscible
Flash Point:	Not Applicable	Partition Coefficient: n-octanol/water:	No data available
Evaporation Rate:	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 storage conditions

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Possibilities of Hazardous Reactions: Hazardous Polymerization: Will Not Occur
Conditions to Avoid: Avoid splashing when using product.
Incompatible Materials: Incompatible with acids.
Hazardous Decomposition Materials: Oxides of Carbon

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: COMPONENT TOXICITY:
Ethylene glycol monobutyl ether:
Oral LD50: 1414 mg/kg Guinea Pig
Dermal LD50: 1200 mg/kg Guinea Pig
Vapor LC50: 173 mg/L/4hr Guinea Pig

Sodium xylene sulfonate:
Oral LD50: 5000 mg/kg Rat

Sodium hydroxide:
Oral LD50: 6600 mg/kg Mouse
Dermal LD50: 1350 mg/kg Rabbit
Vapor LC50: 600 mg/L/4hr Mouse

Sodium silicate:
Oral LD50: 3400 mg/kg Rat

Acute Toxicity Estimates (ATE):
Skin corrosion/irritation - Category 1A
Serious eye damage - Category 1

No other toxicity data is available.
Chronic Toxicity: No data available
Reproductive Toxicity: No data available
Carcinogenicity: Ethylene glycol monobutyl ether listed as IARC Group 3.
Mutagenicity: No data available

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: Ethylene glycol monobutyl ether:
LC50 (96h): 220 mg/l Fish
EC50 (48h): 1000 mg/l Daphnia magna

Sodium hydroxide:
LC50 (96h): 196 mg/l Peocilia reticulata
EC50 (48h): 40.38 mg/l Ceriodaphnia dubia

Sodium silicate:
LC50 (96h): 301 mg/l Lepomis macrochirus
EC50 (48h): 216 mg/l Daphnia magna

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: Follow applicable federal, state, and local health environmental regulations.
Container Disposal: Rinse containers with fresh water before disposal.

14. TRANSPORTATION INFORMATION

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

DOT: UN1760, Corrosive liquid, n.o.s. (Sodium Hydroxide), 8, PG III

15. REGULATORY INFORMATION

TSCA: USA: Reported in the EPA TSCA Inventory.
SARA (311, 312): Acute Health Hazard
SARA 313: Ethylene glycol monobutyl ether
Right To Know Hazardous Substance List: California - The ingredients are not listed on California Prop 65.
New Jersey - Ethylene glycol monobutyl ether and Sodium hydroxide are listed.
Pennsylvania - Ethylene glycol monobutyl ether and Sodium hydroxide are 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 Hydroxide (1000 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

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Special Hazard Warning: Not Applicable