

1. PRODUCT IDENTIFICATION

Product Name: PROTECH YELLOW ELIMINATOR
 Synonym(s): Sodium Bromide; NaBr; Yellow Eliminator
 Recommended Uses: Helps remove yellow, green, brown, and pink debris from swimming pools
 SDS Reference: 93

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: REPRODUCTIVE TOXICITY
 SPECIFIC TARGET ORGAN
 TOXICITY - REPEATED EXPOSURE
 SPECIFIC TARGET ORGAN
 TOXICITY - SINGLE EXPOSURE



Signal Word: WARNING

Hazard Statements: HEALTH HAZARDS:
 Reproductive Toxicity - Suspected of damaging fertility or the unborn child - Category 2 - H361
 Specific Target Organ Toxicity Repeated Exposure - May cause damage to organs (central nervous system) through prolonged or repeated exposure - Category 2 - H373
 Specific Target Organ Toxicity Single Exposure - May cause respiratory irritation - Category 3 - H335
 Specific Target Organ Toxicity Single Exposure - May cause drowsiness or dizziness - Category 3 - H336

Precautionary Statements: Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Avoid contact with eyes, skin and clothing. Do not smoke, drink or eat when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash separately before reuse.

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes. Consult a physician or doctor.

Skin Contact: Not an irritant to intact skin. Slight irritant on prolonged contact to abraded skin.

Inhalation: Irritant to upper respiratory tract.

Ingestion: Abdominal pain, nausea and vomiting. May cause falling asleep, muscular incoordination and respiratory depression.

3. COMPOSITION

Chemical Name:	PERCENT %	CAS #
Sodium Bromide	98 - 100	7647-15-6

4. FIRST AID

If In Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If Inhaled: If symptoms are experienced, move victim to fresh air. If person is not breathing, call 911 or an ambulance, then artificial respiration, preferable mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed: Suspected of damaging fertility or the unborn child. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.

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

Note to physician: treat symptomatically

5. FIREFIGHTING MEASURES

Suitable / Unsuitable: Material is not combustible. Use extinguishing media appropriate to surrounding fire conditions.

Extinguishing Media:

Specific Hazards from Chemical:	May emit toxic and irritating fumes under fire conditions.
Special Protective Equipment:	Wear self-contained breathing apparatus in positive pressure mode and full firefighting turnout gear.
Other Information:	Cool containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear dust respirator, chemical safety goggles, rubber gloves and boots. Ensure adequate ventilation.
Environmental Precautions:	Contain runoff to prevent entry into water or drainage system.
Methods and Materials for cleanup:	Sweep up and place in a bag and hold for waste disposal or possible re-use. Ventilate area and wash spill site after material pickup is complete.

7. HANDLING AND STORAGE

Handling:	Keep containers tightly closed and avoid bodily contact. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes. Ensure adequate ventilation. Avoid breathing vapors or mists. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid generation of dust and avoid breathing dust.
Storage:	Keep containers tightly closed and store in well ventilated area and place away from incompatible materials (see Section 10). This material tends to cake under normal storage conditions.

8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS

OSHA permissible exposure limit:	None established.
Appropriate Engineering Controls:	Provide adequate ventilation, shower and eyewash station.
Individual Protection Measures:	Respiratory Protection: In case of significant or accidental dust emissions, dust mask should be worn. Eye Protection: Chemical safety goggles. Skin and Body Protection: Protective gloves, body covering clothes and boots. Safety shower and eye bath should be provided. Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid
Color:	White
Odor:	Odorless
Melting Point/Freezing Point:	1391°F (755°C)
Initial Boiling Point/Boiling Range:	2534°F (1390°C)
Flammability (solid/gas):	Not flammable
Upper/lower Flammability or Exposure limits:	Not applicable
Flash Point:	Not considered to be fire hazard.
Auto-ignition Temperature:	Not applicable
Decomposition Temperature:	1472°F (800°C)
pH:	6.7 - 7.3 (aqueous solution)
Viscosity:	No data available
Solubility(ies):	94.6 g/100 ml of water at 25°C
Partition Coefficient: n-octanol/water:	Not applicable
Vapor Pressure:	1 mm Hg at 1483°F (806°C)
Density:	135 lbs/ft ³
Vapor Density:	Not applicable
Particle Characteristics:	No data available

10. STABILITY AND REACTIVITY

Stability/Reactivity:	Stable at room temperature. This product tends to cake under normal storage conditions.
Possibilities of Hazardous Reactions:	Hazardous Polymerization: Will Not Occur
Conditions to Avoid:	Heating above decomposition temperature.
Incompatible Materials:	Strong acids; heavy metal salts; strong oxidants. This product reacts explosively with bromine trifluoride.

Hazardous Decomposition Materials: Hydrogen bromide and sodium oxide.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Oral LD50 (rat): 4200 mg/kg
 Dermal LD50 (rabbit): >2000 mg/kg
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 Eye Irritation (rabbit): slightly irritant
 Dermal Irritation (rabbit): not irritant
 Skin corrosion/irritation: not irritant
 Dermal Sensitization: not a sensitizer

Chronic Toxicity: Repeated skin contact may cause dermatitis. Repeated oral intake of bromides (>9 mg/kg body weight/day) may affect the central nervous system. Warning symptoms include mental dullness, slurred speech, weakened memory, apathy, anorexia, constipation, drowsiness and loss of sensitivity to touch and pain.

Reproductive Toxicity: Suspect of damaging fertility or the unborn child.

Carcinogenicity: Not classified by IARC. Not included in NTP 12th Report on Carcinogens.

Mutagenicity: Does not induce DNA repair in cultured human epithelioid cells. Not clastogenic in human lymphocytes metaphase analysis. Not mutagenic by the Ames Test.

12. ECOLOGICAL INFORMATION

Aquatic/Avian Toxicity: Fish Toxicity:
 LC50 Bluegill sunfish: >1000 mg/l (96 hour)
 LC50 Rainbow trout: >1000 mg/l (96 hour)
 EC50 Daphnia magna: >1000mg/l (48 hour)

Persistence and Degradability: Not relevant

Bioaccumulative Potential: Not expected to bioaccumulate.

Mobility in Soil: Not relevant

Environmental Hazards: This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority.

13. DISPOSAL CONSIDERATIONS

Disposal: Dispose of in a safe manner and in accordance with local regulations. Avoid access to streams, lakes or ponds. Observe all federal, state and local environmental regulations when disposing of this material.

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): No data available.

SARA 313: No data available.

Right To Know Hazardous Substance List: California - This product is not listed on California Prop 65. For more information go to www.P65Warnings.ca.gov

Waste Classification: If these wastes cannot be disposed of by use according to label instructions, contact your Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

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.



SAFETY DATA SHEET

Issue Date: 8/11/2025

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HMIS Rating: Health: 1 / Flammability: 0 / Physical Hazard: 0

NFPA Rating: Health: 0 / Flammability: 0 / Physical Hazard: 0

Special Hazard Warning: No data available