



SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Product Name: PHOSPHATE REMOVER
 Synonym(s): Phos Out
 Recommended Uses: For Swimming Pools
 SDS Reference: 82

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: SKIN IRRITANT
 EYE IRRITANT
 SINGLE ORGAN TOXICITY

Signal Word: WARNING

Hazard Statements: HEALTH HAZARDS:
 Skin Irritation - Causes skin irritation - Category 2 - H315
 Eye Irritation - Causes serious eye irritation - Category 2A - H319.
 Specific Target Organ Toxicity - May cause respiratory irritation - H335
 ENVIRONMENTAL HAZARDS:
 Aquatic Acute - Harmful to aquatic life - Acute 3 - H402

Precautionary Statements: Do not breathe mist. Wash exposed skin thoroughly after handling. Wear protective gloves, protective clothing, eye protection and face protection. Wash contaminated clothing before reuse and store locked up. Symptoms and signs of poisoning are: burning sensation of the skin, cough, wheezing, laryngitis, shortness of breath, nausea and/or vomiting.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing and consult a physician.

Skin Contact: Remove contaminated clothing immediately. Rinse skin with water/shower. Consult a physician. Wash contaminated clothing before re-use.

Inhalation: Remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration and call a physician immediately.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Do NOT induce vomiting.

3. COMPOSITION

	PERCENT %	CAS #
Chemical Name: Lanthanum Chloride Heptahydrate	17	10025-84-0
Water	83	7732-18-5

4. FIRST AID

If In Eyes: Rinse thoroughly with plenty of water for several minutes and consult a physician.

If on Skin or Clothing: Wash off with soap and plenty of water. Consult a physician.

If Inhaled: If breathed in, move person into fresh air and keep at rest. If not breathing, give artificial respiration. Consult a physician.

If Swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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 water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Extinguishing Media:

Specific Hazards from Chemical: Hydrogen chloride gas, Corrosive vapors. Lanthanum oxides.



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Special Protective Equipment: Prevent fire-fighting water from entering environment. Do not enter fire area without proper protective equipment, including respiratory protection. See Section 8 under Individual Protection Measures.

Other Information:

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment, Protective goggles. Protective clothing. Gloves. Face-shield, etc. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Methods and Materials for cleanup: Do not let product enter drains or public waters. Contain large spills and pump to recover. Small spills may be absorbed with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

7. HANDLING AND STORAGE

Handling: Use good industrial hygiene practices in handling this material. Avoid contact with eyes, skin and clothing. Provide good ventilation in process area to prevent formation of vapor. Avoid breathing vapors or mists of this product. Wash exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

Storage: Store in cool, well ventilated place away from incompatible materials (Strong bases and metals). Keep container closed when not in use; keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS

OSHA permissible exposure limit: Not applicable

Appropriate Engineering Controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Individual Protection Measures: Personal Protective Equipment: Avoid all unnecessary exposure.
Hand Protection: Wear protective gloves.
Eye Protection: Chemical goggles or face shield.
Skin and body Protection: Wear suitable protective clothing.
Respiratory Protection: Wear appropriate mask.
Other information: Do not eat, drink or smoke during use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless or light yellow liquid	Flammability (solid/gas):	No data available
Odor:	No data available	Upper/lower Flammability or Exposure limits:	No data available
Odor Threshold:	No data available	Vapor Pressure:	No data available
pH:	5.0	Vapor Density:	No data available
Melting Point/Freezing Point:	No data available	Density:	9.514 lbs/gal
Initial Boiling Point/Boiling Range:	No data available	Solubility(ies):	No data available
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:	No data available
		Viscosity:	No data available

10. STABILITY AND REACTIVITY

Stability/Reactivity: Stable under normal conditions.

Possibilities of Hazardous Reactions: No data available.

Conditions to Avoid: Do not mix with other chemicals. Direct sunlight. Extremely high or low temperatures.

Incompatible Materials: Strong bases. metals.

Hazardous Decomposition Materials: May include and are not limited to: Hydrogen chloride, Oxides of lanthanum.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Below toxicity is based upon 60% Lanthanum Chloride Heptahydrate (10025-84-0) and not 17%:
LD50 Oral rat 4184 mg/kg
LD50 Intraperitoneal rat 106 mg/kg
LD50 Intraperitoneal mouse 121 mg/kg



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LD50 Subcutaneous mouse 2424 mg/kg
LD50 Intravenous mouse 18 mg/kg
LD50 Intravenous rabbit 148 mg/kg
LD50 Intraperitoneal guinea pig 129 mg/kg

Eye contact Causes irritation.
Skin contact Causes irritation.
Inhalation may cause respiratory tract irritation.
Ingestion may cause stomach distress, nausea or vomiting.

Chronic Toxicity: No data available
Reproductive Toxicity: No data available
Carcinogenicity: No data available
Mutagenicity: No data available

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Disposal: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to comply with local, state and federal 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.
SARA (311, 312): No data available
SARA 313: No data available
Right To Know Hazardous Substance List: No data available
Waste Classification: No data available
Workplace Classification: This product is considered hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).
CERCLA Reportable Quantity: No data available

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: Health: 2
Flammability: 0
Reactivity: 0

Created On: 4/23/2015
Revision Date: 2/11/2020

Special Hazard Warning: