



HASA PHOS OUT PLUS

Safety Data Sheet

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Safety Data Sheet (SDS No. 314)


Emergency 24 Hour Telephone: **CHEMTREC 800.424.9300**

Corporate Headquarters: Hasa Inc.
P. O. Box 802736
Santa Clarita, CA 91355
Telephone • 661.259.5848
Fax • 661.259.1538

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1	Product Name:	HASA PHOS OUT PLUS
1.2	Chemical Name:	Proprietary
1.3	Chemical Formula:	Proprietary
1.4	Recommended Use:	Removal of orthophosphate in swimming pool water. Compatible in use with all pool chemicals.
1.5	Company Identification:	Hasa Inc. P. O. Box 802736 Santa Clarita, CA 91355
1.6	Emergency Telephone Number:	CHEMTREC 1-800-424-9300 (24 hour)
1.7	Non-Emergency Assistance:	661-259-5848 (8 AM – 5 PM PST / PDT)

SECTION 2: HAZARD(S) IDENTIFICATION

Hazard Category	Eye Damage / Irritation: Skin corrosion / Irritation:	Category 2B Category 2
Symbol		
Signal Word	WARNING	
Hazard Statements	Causes eye irritation. Causes skin irritation.	
Precautionary Statements	Prevention	
	Wash hands thoroughly after handling. Wear protective gloves.	
	Response	
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs, get medical attention. Take off contaminated clothing and wash before reuse.		

SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

	Ingredient	CAS No.	Weight %
3.1	Lanthanum salt derivative	Proprietary	64 %
3.2	All other components	N/A	36 %

SECTION 4: FIRST AID MEASURES

4.1	IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
4.2	IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • 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.
4.3	IF INHALED	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
4.4	IF SWALLOWED	<ul style="list-style-type: none"> • 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.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

SECTION 5: FIRE FIGHTING MEASURES

5.1	Extinguishing Media:	Use water, dry chemicals, carbon dioxide, sand or foam. Use extinguishing media appropriate for surrounding fire.
5.2	Fire/Explosion Hazards:	Nonflammable and noncombustible.
5.3	Fire fighting Procedures:	Do not enter confined fire space without full bunker gear (which includes helmet with face shield, bunker coat, gloves and rubber boots), a positive pressure NIOSH approved self contained breathing apparatus. Water may be used to keep fire-exposed containers cool until fire is out.
5.4	Flammable Limits:	Not applicable.
5.5	Hazardous Combustion Products:	Hydrogen chloride will be produced from decomposition.
5.6	Auto-Ignition Temperature:	Not applicable.
5.7	Sensitivity to Impact or Static Discharge:	Not applicable.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	Large Spills:	Contain large spills and pump to recover
6.2	Small Spills:	Small spills can be mopped up and recovered.
6.3	Personal Protection:	See Section 8 below.
6.4	Environmental Precautions:	None.

SECTION 7: HANDLING AND STORAGE

7.1	Handling:	Wear appropriate eye and glove protection to minimize personal exposure.
7.2	Storage:	Store in cool dry place. Keep container closed when not in use and keep out of reach of children.
7.3	Containment:	Secondary containment is recommended.
7.4	Incompatible Materials:	None.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1	Engineering Controls:	General ventilation.
8.2	Personal Protection:	
	8.2.1 Eyes and Face:	Safety glasses for normal conditions.
	8.2.2 Hands and Skin:	Use chemical resistant gloves to minimize irritation.
	8.2.3 Skin:	Skin – avoid contact with skin.
	8.2.4 Respiratory:	None, where adequate ventilation conditions are available.
8.3	Work Practices:	Always follow good hygiene/work practices by avoiding vapors, mists and contact with eyes and skin. Always wash hands thoroughly after handling and before eating or drinking. Always wear PPE when repairing or performing maintenance on contaminated equipment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Appearance:	Clear to slightly yellow liquid.
9.2	Odor:	Odorless.
9.3	Odor Threshold:	No information available.
9.4	pH:	No information available.
9.5	Melting Point:	No information available.
9.6	Freezing point:	No information available.
9.7	Boiling Point & Boiling Range:	No information available.
9.8	Flash Point:	No information available.
9.9	Evaporation Rate:	No information available.
9.10	Flammability (solid, gas):	Not flammable
9.11	Upper / Lower Flammability or Explosive Limits:	No information available.
9.12	Vapor Pressure:	Not applicable
9.13	Vapor Density:	4.1
9.14	Relative Density (Specific Gravity):	1.61
9.15	Solubility in Water:	Appreciable (more than 10%).
9.16	Partition Coefficient: (n-octanol / water):	No information available.
9.17	Auto-ignition Temperature:	No information available.
9.18	Decomposition Temperature:	No information available.
9.19	Molecular Weight:	Proprietary.
9.20	Viscosity:	No information available.

SECTION 10: STABILITY AND REACTIVITY

10.1	Stability:	Stable under normal storage and handling conditions.
10.2	Polymerization:	Will not occur.
10.3	Incompatible materials:	Not known.
10.4	Hazardous Decomposition Products:	Hydrogen Chloride.
10.5	Conditions to Avoid:	Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Acute Effects:	
	11.1.1 Oral (LD₅₀):	4200 mg/kg (rat).
	11.1.2 Dermal (LD₅₀):	No information available.
	11.1.3 Inhalation (LC₅₀):	No information available.
11.2	Acute Effects from Over-Exposure:	Eye and/or skin irritation will occur.
11.3	Chronic Effects from Over-Exposure:	Not listed as a potential carcinogen by IARC.

SECTION 12: ECOLOGICAL INFORMATION

12.1	Ecotoxicity:	No information available.
12.2	Mobility:	Not available.
12.3	Persistence and Degradation:	Not established.
12.4	Bioaccumulative Potential:	Not established.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Disposal Method:	Contact the manufacturer, local supplier or a licensed contractor for detailed recommendations. Follow applicable federal, state and local regulations.
13.2	Disposal Regulatory Requirements:	If product as supplied becomes a waste, it does meet the criteria of a hazardous waste defined under RCRA 40 CFR 261. Consult state and local regulations regarding the proper disposal of this product.
13.3	Container Cleaning and Disposal:	Thoroughly clean empty containers with water. Recycle container if applicable. Do not use empty containers for food storage.
13.4	Special Remarks:	NOTE: Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate or otherwise inappropriate.


SECTION 14: TRANSPORT INFORMATION

14.1	U.S. DOT	Not regulated as a hazardous material under 49 CFR 172.101.
14.2	UN ID Number:	None.

SECTION 15: REGULATORY INFORMATION

15.1	U.S. Regulations:	
15.1.1	OSHA HAZCOM (Hazard Communication)	Regulated under the HAZCOM Standard (29 CFR 1910.1200)
15.1.2	OSHA PSM (Process Safety Management)	Not regulated under PSM Standard (29 CFR 1910.119)
15.1.3	EPA FIFRA (Federal Insecticide, Fungicide and Rodenticide Act)	Not regulated as a pesticide.
15.1.4	EPA SARA (Superfund Amendments and Reauthorization Act) Title III Section 311/312	Acute: Yes Chronic: No Fire: No Reactive: No Sudden Release: No
15.1.5	EPA TSCA (Toxic Substance Control Act)	Listed on the inventory.
15.1.6	EPA RCRA (Resource Conservation and Recovery Act)	This material meets RCRA's characteristic definition of ignitability, corrosivity, or reactivity (40 CFR 261.33).
15.1.7	EPA RMP (Risk Management Plan)	Not regulated. (40 CFR 68.130)
15.2	State of California Regulations:	
15.2.1	Prop 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):	Not Listed
15.2.2	CalARP (California Accidental Release Prevention):	Not regulated.
15.2.3	CDPR (California Department of Pesticide Regulation):	Not regulated.
15.3	Canada Regulations:	
15.3.1	WHMIS (Workplace Hazardous Materials Information System):	No results for the search in WHMIS (as Lanthanum chloride.)
15.3.2	DSL (Domestic Substances List):	The substance as Lanthanum chloride (CAS 10099-58-8) is on the public Portion of the Domestic Substances List.

Note: Due to the changing nature of regulatory requirements, the REGULATORY INFORMATION listed above 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.

SECTION 16: OTHER INFORMATION			
16.1	HMIS III * (Hazardous Materials Identification System):		
16.1.1	HEALTH	1	<i>* Rating as if the product is 100% Lanthanum Chloride</i>
16.1.2	FLAMMABILITY	0	
16.1.3	PHYSICAL HAZARD	0	
16.1.4	PERSONAL PROTECTION	See Section 8	
16.2	NFPA 704 * (National Fire Protection Association):		
16.2.1	HEALTH	1	
16.2.2	FLAMMABILITY	0	
16.2.3	INSTABILITY	0	
16.2.4	SPECIAL	None	
16.3	ANSI (American National Standards Institute):		
16.3.1	Hazardous Industrial Chemicals – SDSs Preparation:	Complies with ANSI Z400.1 – 2004.	
16.3.2	Hazardous Industrial Chemicals - Precautionary Labeling:	Complies with ANSI Z129.1 – 2006.	

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