



HASA Phos Out

Material Safety Data Sheet

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IDENTIFICATION OF PRODUCT

Product Name:	HASA Phos Out
Common Chemical Names:	Proprietary
Chemical Names of Ingredients [>1.0% by weight]:	Proprietary (50-60% Lanthanum salt derivative)
Chemical Family:	Proprietary
CAS Registry Number:	Not Applicable
Empirical Formula:	Proprietary

PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure:	Not known	Flash Point:	Not available
Weight/Gallon:	11 lbs. (4.99 kg.)	pH:	Not applicable
Density [liquid]:	Not known	Odor:	None
Bulk Density:	Not applicable	Boiling Point:	Not known
Melting Point:	Not known	Freezing Point:	Not known
Physical State:	Liquid	Color:	Clear to slightly yellow
Solubility in Water:	Appreciable (more than 10%)	Stability:	Stable

PHYSICAL HAZARDS

Potential for Fire:	None. Nonflammable and noncombustible liquid.
Potential for Explosion:	None. Nonflammable and noncombustible liquid.
Reactivity:	HCL is produced under fire conditions. Hydrogen chloride will be produced from decomposition.
Extinguishing Media	Use water, dry chemicals, carbon dioxide, sand or foam. Use extinguishing media appropriate for surrounding fire.
Fire Fighting Procedures:	Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coat, gloves and rubber boots), including a positive pressure NIOSH approved self-containing breathing apparatus. Water may be used to keep fire-exposed containers cool until fire is out.

HEALTH HAZARDS	
Signs and Symptoms of Exposure:	Eye and/or skin irritation.
Medical Conditions Aggravated by Exposure:	None known.
Oral [ingestion] LD₅₀ (rat):	4200
Dermal [skin absorption] LD₅₀ (rat):	106
Inhalation [breathing] LC₅₀:	Not available.
Eye Irritation:	Not available.
Skin Irritation:	Not available.
Skin Sensitization:	Not available.
OSHA PEL:	Not applicable.
ACGIH TLV/TWA:	Not applicable.

POTENTIAL ROUTE [S] OF ENTRY	
Inhalation [Breathing]:	Should not be harmful if inhaled
Dermal [Skin]:	Possible skin irritant. Can cause irritation to exposed areas of body. Severity of injury depends largely on duration of exposure. Immediate action is necessary to limit severity of injury.
Eyes:	May cause irritation.
Ingestion:	Possible irritant if swallowed.

CARCINOGENIC [CANCER POTENTIAL] INFORMATION	
International Agency for Research on Cancer [IARC] Monographs, V. 1-53, Supps. 1-8:	Not listed.
Safe Drinking Water and Toxic Enforcement Act of 1986 [Proposition 65, California only]:	Not listed.

GENERAL PRECAUTIONS FOR SAFE USE AND HANDLING
Store in cool, dry place. Keep container closed when not in use; keep out of reach of children. Use general ventilation. Secondary containment is recommended. Use appropriate PPE. No known incompatible materials. Not flammable.

PERSONAL PROTECTION AND HYGIENE
Safety glasses are recommended under normal conditions. Avoid contact with skin. Chemical resistant gloves are recommended to minimize potential from handling. Respiratory protection not required where adequate ventilation exists. Always follow good hygiene / work practices by avoiding vapors or mists and contact with eyes and skin. Thoroughly wash hands after handling and before eating or drinking. Always wear the appropriate PPE when repairing or performing maintenance on contaminated equipment.

CLEAN-UP OF SPILLS
Contain large spills and pump to recover. Small spills can be mopped up and recovered.

FIRST AID	
Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes, lifting eyelids occasionally. Get medical attention at once.
Skin Contact:	Remove contaminated clothing and immediately wash exposed area for 15 minutes. Get medical attention if necessary.
Inhalation:	Move to fresh air. If breathing has stopped administer artificial respiration. Get medical attention immediately.
Ingestion [swallowing]:	Give large amounts of water. Do not induce vomiting. Get medical attention immediately.

FEDERAL/STATE LISTS/REGISTRATION/S/REPORTING REQUIREMENTS	
CERCLA Hazardous Substance [Section 1010 [4], P.L. 96-510]:	Not applicable.
Extremely Hazardous Substance [40 CFR 355, Appendix A]:	Not applicable.
Pesticide Product 7 U.S.C. 136 et seq.:	Not applicable.
Toxic Substance under TSCA:	Not applicable.
Pesticide Product [various State Laws]:	Not applicable.

MATERIAL CLASSIFICATION	
Hazardous Materials Transportation Regulations, Department of Transportation (Federal) 49 CFR 172.101	
Proper Shipping Description [1 gallon or less]:	Not regulated
Proper Shipping Description [greater than 1 gallon]:	Not regulated

DISPOSAL CONSIDERATIONS
If this product as supplied becomes a waste, it does meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult state and local regulations regarding the proper disposal of this material.

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