

Material Safety Data Sheet

SeaKlear: Phosphate Remover

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

| | |
|-------------------------------------|---|
| Manufacturer's Name: | HaloSource, Inc. |
| Corporate Address: | 14716 NE 87 th Street, Redmond, WA 98052 |
| Manufacturer's Telephone: | (425) 881-6464 (Monday-Friday, 8AM-5PM PDT) |
| Emergency Telephone: | 800-424-9300 Chemtrec (24 Hours) |
| Material/Trade/Product Name: | SeaKlear: Phosphate Remover / PHOS-X / RESTORE |
| Synonyms: | None |
| Chemical Name: | Proprietary |
| Chemical Formula: | Proprietary |
| CAS No.: | Not applicable. |
| EPA Registration #: | Not applicable |
| Product Use: | Removes phosphates from swimming pool water |

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

| CAS NO. | COMPONENT | % | OSHA HAZARDOUS ? |
|-------------|--|----|------------------|
| Proprietary | Lanthanum salt derivative | 37 | YES |
| | <i>All other components are non-hazardous.</i> | 63 | NO |

NOTE: See Section 8 for permissible exposure limits.

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Clear to slightly yellow liquid.

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.

Hydrogen chloride will be produced from decomposition.

POTENTIAL HEALTH EFFECTS

EYE: May cause irritation.

SKIN: Possible skin irritant.

INHALATION: Should not be harmful if inhaled.

INGESTION: Possible irritant if swallowed.

CHRONIC EXPOSURE/CARCINOGENICITY: This substance not listed as a potential carcinogen by IARC.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Eye and/or skin irritation.

AGGRAVATION OF PRE-EXISTING CONDITIONS: None known.

POTENTIAL ENVIRONMENTAL EFFECTS: None known.

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

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: Give large amounts of water. Do not induce vomiting. Get medical attention immediately.

NOTE TO PHYSICIANS: None.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: Not available

UPPER FLAMMABLE LIMIT: Not available

FLAMMABILITY CLASS (OSHA): Not applicable

AUTOIGNITION TEMPERATURE: Not available

LOWER FLAMMABLE LIMIT: Not available

FLAME PROPAGATION/BURNING RATE: Not available

UNIQUE FIRE PROPERTIES: HCl is produced.

HAZARDOUS COMBUSTION PRODUCTS: HCl is produced.

EXTINGUISHING MEDIA: Use water, dry chemicals, carbon dioxide, sand or foam. Use extinguishing media appropriate for surrounding fire.

PROTECTION OF FIREFIGHTERS: 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-contained breathing apparatus. Water may be used to keep fire-exposed containers cool until fire is out.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: See Section 8 (Personal Protective Equipment).

ENVIRONMENTAL PRECAUTIONS: None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

COLOR: Clear to slightly yellow
PHYSICAL FORM: Liquid
pH: Not applicable
VAPOR DENSITY: 4.10
MELTING POINT: Not known
SOLUBILITY IN WATER: Appreciable (more than 10%)
SHAPE: Liquid
ODOR: None
VAPOR PRESSURE: Not known
BOILING POINT: Not known
FREEZING POINT: Not known
SPECIFIC GRAVITY OR DENSITY: Not known

NOTE: These physical data are typical values based on material tested but may vary from sample to sample. Values should not be construed as a guaranteed analysis of any specific lot or as specifications.

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable
CONDITIONS TO AVOID: None known
MATERIALS TO AVOID (INCOMPATIBILITY): None known
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen Chloride
HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

ORAL LD₅₀ (rat): 4200
DERMAL LD₅₀ (rabbit): Not available.
DERMAL LD₅₀ (rat): 106
SCU, LD₅₀(MG/KG) (mouse): 2424
IV LD₅₀ (MG/KG) (mouse): 18
SKIN IRRITATION: Not available.
EYE IRRITATION: Not available.
SKIN SENSITIZATION: Not available.
ADDITIONAL INFORMATION: Not available

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: Not available.
MOBILITY: Not available.

PERSISTENCE AND DEGRADABILITY: Not available.

BIOACCUMULATIVE POTENTIAL: Not available.

ADDITIONAL INFORMATION: Not available.

SECTION 13: 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.

NOTE: Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT):

| | |
|------------------------------------|---------------|
| Proper Shipping Name: | Not Regulated |
| Hazard Class: | Not Regulated |
| Identification Number (UN Number): | Not Regulated |
| Packing Group (PG): | Not Regulated |

SECTION 15: REGULATORY INFORMATION

TSCA STATUS: Components are listed

CERCLA REPORTABLE QUANTITY (RQ):

| CHEMICAL NAME | RQ |
|----------------|----------------|
| Not applicable | Not applicable |

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (EHS):

| CHEMICAL NAME | TPQ | RQ |
|----------------|----------------|----------------|
| Not applicable | Not applicable | Not applicable |

SARA TITLE III SECTION 311/312 HAZARD CATEGORIES: Does this product/material meet the definition of the following hazard classes according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of SARA Title III?

| ACUTE HEALTH HAZARD | CHRONIC HEALTH HAZARD | FIRE HAZARD | REACTIVE HAZARD | SUDDEN RELEASE OF PRESSURE |
|---------------------|-----------------------|-------------|-----------------|----------------------------|
| YES | NO | NO | NO | NO |

SARA TITLE III SECTION 313 TOXIC CHEMICALS INFORMATION:

| CHEMICAL NAME | CAS NO. | CONCENTRATION (%) |
|----------------|----------------|-------------------|
| Not applicable | Not applicable | Not applicable |

CALIFORNIA PROPOSITION 65: The following chemical(s) is/are known to the state of California to cause cancer or reproductive toxicity:

| CHEMICAL NAME | CAS NO. | CONCENTRATION (%) |
|----------------|----------------|-------------------|
| Not applicable | Not applicable | Not applicable |

SECTION 16: OTHER INFORMATION

REVISION INFORMATION:

MSDS sections(s) changed since last revision of document: Not applicable.

DISCLAIMER:

**

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