



Date: 7/9/2009  
Revision: 04

## Material Safety Data Sheet

### SeaKlear: Phosphate Remover

#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Manufacturer's Name:** HaloSource, Inc.  
**Corporate Address:** 1631 220<sup>th</sup> St. SE, Suite 100, Bothell, WA 98021  
**Manufacturer's Telephone:** (425) 881-6464 (Monday-Friday, 8AM-5PM PDT)  
**Emergency Telephone (24 Hours):** 800-424-9300 CHEMTREC (Domestic, North America)  
703-527-3887 CHEMTREC (International, collect calls accepted)

**Material/Trade/Product Name:** **SeaKlear: Phosphate Remover**  
**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	35 – 65	YES
	<i>All other components are non-hazardous.</i>	35 – 65	NO

NOTE: See Section 8 for permissible exposure limits.

#### SECTION 3: HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW

Clear to light orange 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:** Not likely to cause skin irritation.

**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 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 light orange  
**PHYSICAL FORM:** Liquid  
**pH:** Not applicable  
**VAPOR DENSITY:** 4.10  
**MELTING POINT:** Not known  
**SOLUBILITY IN WATER:** Fully soluble

**SHAPE:** Liquid  
**ODOR:** None  
**VAPOR PRESSURE:** Not known  
**BOILING POINT:** Not known  
**FREEZING POINT:** Not known  
**SPECIFIC GRAVITY OR DENSITY:** 1.6

*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 LD<sub>50</sub> (rat):** Not available

**DERMAL LD<sub>50</sub> (rabbit):** Not available

**DERMAL LD<sub>50</sub> (rat):** Not available

**SKIN IRRITATION:** No signs or erythema or edema were noted at any observation point. Based upon the evaluation criteria of the protocol, this substance is considered a non-irritant.

**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 not 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):**

<b>Proper Shipping Name:</b>	Not Regulated
<b>Hazard Class:</b>	Not Regulated
<b>Identification Number (UN Number):</b>	Not Regulated
<b>Packing Group (PG):</b>	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
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**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:

- Section 1 – Emergency telephone number updated
- Section 2 – Potential health effects on skin updated
- Section 9 – Color, solubility, and specific gravity updated
- Section 11 – Most of the information in this section was updated
- Section 13 – Changed statement from “does” to “does not” meet the criteria of hazardous waste under RCRA.

**DISCLAIMER:**

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**MSDS PREPARED BY: Jeremy Heath, EH&S Manager**