

## Material Safety Data Sheet

### SeaKlear: PRS – Stage Two

#### 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:** 800-424-9300 Chemtrec (24 Hours)  
**Material/Trade/Product Name:** **SeaKlear: PRS – Stage Two**  
**Synonyms:** PRS 2, PRS II, Reagent 126P61-B  
**Chemical Name:** Proprietary Blend  
**Chemical Formula:** Not available  
**CAS No.:** Not applicable  
**EPA Registration #:** Not applicable  
**Product Use:** Swimming pool water treatment.

#### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CAS NO.	COMPONENT	%	OSHA HAZARDOUS ?
	<i>No hazardous components above de minimus quantities</i>	<1	YES
	<i>All other components are non-hazardous.</i>	>99	NO

*NOTE: See Section 8 for permissible exposure limits.*

#### SECTION 3: HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW

Clear teal liquid.

This material presents little or no health hazards, environmental hazards, and no unusual hazard if involved in a fire.

##### POTENTIAL HEALTH EFFECTS

**EYE:** May be mildly irritating to eyes.

**SKIN:** Not hazardous to skin.

**INHALATION:** Not likely to be hazardous by inhalation.

**INGESTION:** Not likely to be hazardous by ingestion.

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

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** May irritate eyes with stinging, watering, inflammation.

**AGGRAVATION OF PRE-EXISTING CONDITIONS:** None known.

**POTENTIAL ENVIRONMENTAL EFFECTS:** Material is 100% biodegradable and is nontoxic.

## SECTION 4: FIRST AID MEASURES

### FIRST AID PROCEDURES

**EYE CONTACT:** Remove contact lenses if worn and flush eyes with copious amounts of water or buffered saline eye wash solution. Get immediate medical attention.

**SKIN CONTACT:** Remove contaminated clothing and wash contact area with mild soap and plenty of water.

**INHALATION:** Remove person to fresh air and treat symptomatically. Get medical attention if symptoms worsen.

**INGESTION:** Consult a physician if necessary.

**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:** None known.

**HAZARDOUS COMBUSTION PRODUCTS:** None known.

**EXTINGUISHING MEDIA:** Does not burn. 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:** Material is 100% biodegradable, is nontoxic and can be disposed of in any approved manner. Treatment, storage, transportation and disposal must be in accordance with applicable federal, state, and local regulations.

**METHODS FOR CLEANING UP:** Dilute with water and hose down.

## SECTION 7: HANDLING AND STORAGE

### SAFE HANDLING RECOMMENDATIONS

**VENTILATION:** Use with adequate ventilation.

**FIRE PREVENTION:** Material will not burn.

**SPECIAL HANDLING REQUIREMENTS:** Wash hands thoroughly after handling.

### SAFE STORAGE RECOMMENDATIONS

**CONTAINMENT:** Keep container closed when not in use.

**STORAGE ROOM RECOMMENDATIONS:** 10-50°C (will freeze @ ~ 3°C)

**INCOMPATIBLE MATERIALS:** Strong oxidizing materials.

**STORAGE CONDITIONS:** Shelf life is indefinite, but viscosity will decrease over time. The container should be kept covered to prevent contamination.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Good general ventilation should be sufficient.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**EYE/FACE PROTECTION:** Wear safety glasses with side shields (or goggles) and a face shield.

**SKIN PROTECTION:** Wear chemical resistant clothing.

**HAND PROTECTION:** Wear chemical-resistant gloves.

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**GOOD HYGIENE/WORK PRACTICES:** 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.

### EXPOSURE GUIDELINES

INGREDIENT CAS NO.	PERMISSIBLE EXPOSURE LIMITS					
	OSHA		WISHA		ACGIH (TLV)	
	TWA	STEL	TWA	STEL	TWA	STEL
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**COLOR:** Clear teal liquid

**SHAPE:** Liquid

**PHYSICAL FORM:** Liquid

**pH:** 8.0 – 9.0

**VAPOR DENSITY:** Not applicable

**MELTING POINT:** Not available

**SOLUBILITY IN WATER:** Soluble

**ODOR:** Not applicable

**VAPOR PRESSURE:** Not applicable

**BOILING POINT:** 211°F

**FREEZING POINT:** ~ 3°C

**SPECIFIC GRAVITY OR DENSITY:** 1.0 – 1.1 g/mL

*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:** Will freeze @ ~ 3°C

**MATERIALS TO AVOID (INCOMPATIBILITY):** Strong oxidizing materials.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Decomposition will not occur.

**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.

**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 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:** All ingredients are listed

**CERCLA REPORTABLE QUANTITY (RQ):**

CHEMICAL NAME	RQ
None	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
NO	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
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**SECTION 16: OTHER INFORMATION**

**REVISION INFORMATION:**

MSDS sections(s) changed since last revision of document: Product name changed. Corporate address changed.

**DISCLAIMER:**

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