

# SAFETY DATA SHEET

Date Issued : 7/16/2008  
SDS No. : SeaKlear Natural Stain Remover  
Date Revised : 9/8/2014  
Revision No : 3

## SeaKlear Natural Stain Remover

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** SeaKlear Natural Stain Remover  
**GENERAL USE:** Stain Remover for swimming pools.  
**PRODUCT DESCRIPTION:** 1330N6Z9  
**GENERIC NAME:** Citric Acid

#### DISTRIBUTOR

Halosource, Inc.  
1725 220th Street SE, Suite 103  
Bothell, WA 98021

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Serious Eye Damage, Category 2

#### GHS LABEL



Exclamation  
mark

**SIGNAL WORD:** WARNING

#### HAZARD STATEMENTS

H319: Causes serious eye irritation.

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

P264: Wash thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

##### Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice/attention.

#### EMERGENCY OVERVIEW

**IMMEDIATE CONCERNS:** Eye, skin, and mucous membrane irritant. May cause allergic reactions in some individuals.

#### POTENTIAL HEALTH EFFECTS

**EYES:** May cause eye irritation with redness, pain, possible eye burns, conjunctivities, ulceration and permanent cloudiness.

**SKIN:** May cause skin irritation with swelling, redness and pain.

**INGESTION:** May cause acute gastrointestinal irritation with abdominal pain.

**INHALATION:** May cause mucous membrane irritation with cough, sore throat and shortness of breath.

**CARCINOGENICITY:** Not listed by NTP, IARC or OSHA.

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Citric Acid	100	77-92-9

### 4. FIRST AID MEASURES

**EYES:** Flush eye with water for 15 minutes. Get medical attention.

**SKIN:** Get medical attention immediately if irritation (redness, rash, blistering) develops and persists. Wash affected areas with plenty of water.

**INGESTION:** Drink plenty of water. Do not induce vomiting. Consult a physician if necessary.

**INHALATION:** Remove to fresh air.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**CHRONIC EFFECTS:** Repeated or prolonged skin contact may result in dermatitis. Prolonged or repeated eye contact may result in conjunctivitis. Long term oral overexposure may cause damage to tooth enamel.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Water, water spray, dry powder, foam, carbon dioxide. Remove containers if possible. Cool container exposed to fire with water spray.

**FIRE FIGHTING EQUIPMENT:** Firefighters should wear self-contained breathing apparatus (SCBA) and full protective gear.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon oxides (CO, CO<sub>2</sub>).

### 6. ACCIDENTAL RELEASE MEASURES

**GENERAL PROCEDURES:** Sweep or vacuum into closed containers for disposal. Keep unnecessary personnel away. Dispose in compliance with local, state and federal regulations.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Incompatible with strong bases and oxidizing agents.

**HANDLING:** Empty containers retain product residue and vapors. Observe all label precautions even after container is emptied. Do not reuse unless thoroughly cleaned.

**STORAGE:** Store in a cool dry place. Store away from incompatible materials.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Citric Acid	TWA	[1]	[1]	[2]	[2]
<b>Footnotes:</b> 1. 5 mg/m <sup>3</sup> (respirable dust) 2. Not established. Use TLV for Nuisance dusts of 5 mg/m <sup>3</sup> .					

**ENGINEERING CONTROLS:** Provide dilution ventilation to control vapor and/or mist level.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses recommended.

**SKIN:** Protective gloves.

**RESPIRATORY:** In dusty atmospheres use a NIOSH-approved dust respirator.

**PROTECTIVE CLOTHING:** Lightweight protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Solid

**ODOR:** None.

**APPEARANCE:** White powder.

**pH:** 1.80

**FLASHPOINT AND METHOD:** Not Applicable

**FLAMMABLE LIMITS:** 8 gm/FT<sup>3</sup> to 65 gm/FT<sup>3</sup>

**AUTOIGNITION TEMPERATURE:** 345°C

**VAPOR PRESSURE:** Not volatile.

**VAPOR DENSITY:** Not Applicable

**BOILING POINT:** Not Established

**FREEZING POINT:** 153°C

**SOLUBILITY IN WATER:** 61.8% at 25 deg C in water

**EVAPORATION RATE:** Nil.

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Avoid dust formation. Take precautionary measures against static discharges.

**POSSIBILITY OF HAZARDOUS REACTIONS:** Thermal decomposition can lead to release of irritating gases and vapors.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None, if stored normally.

**INCOMPATIBLE MATERIALS:** Strong bases and oxidizing agents.

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### 11. TOXICOLOGICAL INFORMATION

#### ACUTE

ORAL LD<sub>50</sub>: 5040 mg/kg (mice)

INHALATION LC<sub>50</sub>: 885 mg/L (rat)

IRRITATION: Irritating to eyes and skin.

### 12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Toxic to fish.

BIOACCUMULATION/ACCUMULATION: None.

#### AQUATIC TOXICITY (ACUTE)

96-HOUR LC<sub>50</sub>: 440-77 mg/L (goldfish)

### 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with applicable local, state, and federal regulations.

### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

### 15. REGULATORY INFORMATION

#### UNITED STATES

##### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Not considered hazardous.

##### CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not considered hazardous.

CALIFORNIA PROPOSITION 65: There are no chemicals present known to the State of California to cause cancer.

### 16. OTHER INFORMATION

REVISION SUMMARY: This SDS replaces the 8/20/2008 SDS. Revised: **Section 2** .

#### HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	0
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	

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Each individual should make a determination as to the suitability of the information for their particular purpose(s).