

Material Safety Data Sheet

SeaKlear Spa: Enzyme Klear

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name: HaloSource, Inc.
Corporate Address: 1631 220th 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 Spa: Enzyme Klear**
Synonyms: None
Chemical Name: Not available
Chemical Formula: Not available
CAS No.: Not applicable
EPA Registration #: Not applicable
Product Use: Cleaner for spas

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CAS NO.	COMPONENT	%	OSHA HAZARDOUS ?
Trade Secret	Trade Secret	Trade Secret	Yes

NOTE: See Section 8 for permissible exposure limits.

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Pale brown liquid with a ferment odor.

Warning! Causes eye and skin irritation. May be irritating to respiratory tract if mist is inhaled. May be harmful if swallowed.

POTENTIAL HEALTH EFFECTS

EYE: Causes eye irritation.

SKIN: Causes skin irritation.

INHALATION: May cause respiratory tract irritation.

INGESTION: May be harmful if swallowed.

CHRONIC EXPOSURE/CARCINOGENICITY: None known.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Eye, skin, and/or respiratory tract irritation. Signs and symptoms of ingestion are not known.

AGGRAVATION OF PRE-EXISTING CONDITIONS: None known.

POTENTIAL ENVIRONMENTAL EFFECTS: None known.

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

EYE CONTACT: In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Call a physician or a poison control center immediately.

SKIN CONTACT: In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes.

INHALATION: If breathing is difficult, give oxygen. If inhaled, remove to fresh air.

INGESTION: If swallowed, induce vomiting immediately if directed to do so by medical personnel. Call a physician or a poison control center immediately.

NOTE TO PHYSICIANS: None.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: 212°F

UPPER FLAMMABLE LIMIT: 12.5

FLAMMABILITY CLASS (OSHA): Not applicable

AUTOIGNITION TEMPERATURE: 700°F

LOWER FLAMMABLE LIMIT: 2.6

FLAME PROPAGATION/BURNING RATE: Not available

UNIQUE FIRE PROPERTIES: None known

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen aldehydes and ketones.

EXTINGUISHING MEDIA: In case of fire, use water spray (fog) foam, dry chemical or CO₂.

PROTECTION OF FIREFIGHTERS: Firefighters should wear self-contained breathing apparatus and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

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

ENVIRONMENTAL PRECAUTIONS: None known.

METHODS FOR CLEANING UP: Clean up spill immediately. Contain and/or absorb spill with inert material (e.g. sand or vermiculite).

SECTION 7: HANDLING AND STORAGE

SAFE HANDLING RECOMMENDATIONS

VENTILATION: Local exhaust acceptable. Special exhaust not required.

FIRE PREVENTION: Ground all equipment.

SPECIAL HANDLING REQUIREMENTS: Wash hands thoroughly after handling. Keep out of reach of children.

SAFE STORAGE RECOMMENDATIONS

CONTAINMENT: Keep container tightly closed when not in use.

STORAGE ROOM RECOMMENDATIONS: Store in a cool and dry place.

INCOMPATIBLE MATERIALS: Oxidizing materials.

STORAGE CONDITIONS: Store in a cool and dry place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust acceptable. Special exhaust not required.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE/FACE PROTECTION: Wear safety glasses with side shields or goggles.

SKIN PROTECTION: When prolonged or frequently repeated contact could occur, use protective clothing impervious to this material.

HAND PROTECTION: Chemical resistant gloves are recommended.

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

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

COLOR: Pale Brown

SHAPE: Liquid

PHYSICAL FORM: Liquid

pH: 6

VAPOR DENSITY: 2.1

MELTING POINT: Not available

SOLUBILITY IN WATER: >10%

ODOR: Ferment

VAPOR PRESSURE: <1

BOILING POINT: 212°F

FREEZING POINT: Not available

SPECIFIC GRAVITY OR DENSITY: 1.0381

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: High temperatures.

MATERIALS TO AVOID (INCOMPATIBILITY): Oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, nitrogen aldehydes and ketones.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

ORAL LD₅₀ (rat): Not available.

DERMAL LD₅₀ (rabbit): Not available.

INHALATION LC₅₀ (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 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: 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: Section 1. Corporate address was updated.

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MSDS PREPARED BY: Jeremy Heath, EH&S Specialist