

Material Safety Data Sheet

SeaKlear Spa: Calcium Increaser

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: Calcium Increaser**
Synonyms: None
Chemical Name: Not available
Chemical Formula: Not available
CAS No.: Not applicable
EPA Registration #: Not applicable
Product Use: Spa Water Treatment

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

| CAS NO. | COMPONENT | % | OSHA HAZARDOUS ? |
|---------------------|---------------------|---------------------|------------------------|
| 010043-52-4 | Calcium Chloride | 28-42 | Yes |
| 007647-14-5 | Sodium Chloride | 0-2 | Yes |
| 007447-40-7 | Potassium Chloride | 0-3 | Yes |
| <i>Trade Secret</i> | <i>Trade Secret</i> | <i>Trade Secret</i> | No |

NOTE: See Section 8 for permissible exposure limits.

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Colorless to pale yellow liquid with no odor.

Moderate to severely irritating to eyes. Not significantly irritating to skin from single exposure. May be irritating to respiratory tract if mist is inhaled. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.

POTENTIAL HEALTH EFFECTS

EYE: May cause moderate to severe irritation with corneal injury as well as thermal burns.

SKIN: Single exposure will not cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation, even a burn. May cause more severe response if skin is damp and/or abraded (scratched or cut). Contact with heated material may cause thermal burns. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

INHALATION: Vapors are unlikely. Mists may cause irritation.

INGESTION: Single dose oral toxicity is believed to be low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury. Ingestion may cause gastrointestinal irritation or ulceration.

CHRONIC EXPOSURE/CARCINOGENICITY: None known.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Ingestion may cause gastrointestinal irritation or ulceration. Mists may cause irritation if inhaled. Prolonged or repeated exposure may cause skin irritation, even a burn. May cause moderate to severe irritation with corneal injury as well as thermal burns.

AGGRAVATION OF PRE-EXISTING CONDITIONS: None known.

POTENTIAL ENVIRONMENTAL EFFECTS: None known.

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

EYE CONTACT: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

SKIN CONTACT: Wash off in flowing water or shower.

INHALATION: Remove to fresh air if effects occur. Consult a physician.

INGESTION: Do not induce vomiting. Give large amounts of water or milk if available and transport to medical facility.

NOTE TO PHYSICIANS: If burn is present, treat as any thermal burn, after decontamination. May cause tissue destruction leading to stricture. If lavage is performed, suggest endotracheal and/or esophageal control. No specific antidote. Supportive care, treatment based on judgment of the physician in response to reactions of the patient.

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

EXTINGUISHING MEDIA: This material does not burn. If exposed to fire from another source, use suitable extinguishing agent for that fire.

PROTECTION OF FIREFIGHTERS: Keep people away. Isolate fire area and deny unnecessary entry. Wear positive-pressure self-contained breathing apparatus (SCBA) and full protective firefighting clothing (includes firefighting helmet, coat, pants, boots, and gloves).

SECTION 6: ACCIDENTAL RELEASE MEASURES

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

ENVIRONMENTAL PRECAUTIONS: None known.

METHODS FOR CLEANING UP: Isolate area. Avoid contact with eyes and skin. May be a slipping hazard. Stop leak if it can be done safely. Wash exposed body areas thoroughly after handling. Use appropriate safety equipment. Contain spill if possible. Absorb with material such as sand. Collect material in suitable and properly labeled open containers. Flush residue with plenty of water.

SECTION 7: HANDLING AND STORAGE

SAFE HANDLING RECOMMENDATIONS

VENTILATION: Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

FIRE PREVENTION: No special requirements.

SPECIAL HANDLING REQUIREMENTS: Product shipped/handled hot can cause thermal burns. Wash hands thoroughly after handling.

SAFE STORAGE RECOMMENDATIONS

CONTAINMENT: Keep container closed when not in use.

STORAGE ROOM RECOMMENDATIONS: Do not store at temperatures below 32°F.

INCOMPATIBLE MATERIALS: Corrosive to some metals. Avoid contact with metals such as brass, mild steel, aluminum, or ferrous metals. Flammable hydrogen may be generated from contact with metals such as zinc or sodium. Avoid contact with sulfuric acid.

STORAGE CONDITIONS: Product may become a solid at temperatures below 32°F (concentrations above 36% calcium chloride.)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

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. Selection of specific items such as boots, apron, or full-body suit will depend on operation.

HAND PROTECTION: When prolonged or frequently repeated contact could occur, use protective clothing impervious to this material. If hands are cut or scratched, use gloves impervious to this material even for brief exposures. Use gloves with insulation for thermal protection, when needed.

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. Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator. In misty atmospheres, use an approved mist respirator.

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 |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

COLOR: Colorless To Pale Yellow

PHYSICAL FORM: Liquid

pH: Not available

VAPOR DENSITY: Same as water

MELTING POINT: Not available

SOLUBILITY IN WATER: Soluble

SHAPE: Liquid

ODOR: None

VAPOR PRESSURE: 9-15 MMHG @ 25° C

BOILING POINT: 230-251F, 110-122C

FREEZING POINT: Not available

SPECIFIC GRAVITY OR DENSITY: Not available

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. Hygroscopic.

CONDITIONS TO AVOID: None known.

MATERIALS TO AVOID (INCOMPATIBILITY): Corrosive to some metals. Avoid contact with metals such as brass, mild steel, aluminum, or ferrous metals. Flammable hydrogen may be generated from contact with metals such as zinc or sodium. Avoid contact with sulfuric acid.

HAZARDOUS DECOMPOSITION PRODUCTS: Does not decompose.

HAZARDOUS POLYMERIZATION: Not known.

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: Based largely or completely on data for major component(s). Material is practically non-toxic to aquatic organisms on an acute basis (LC50 greater than 100 mc/L in most sensitive species).

MOBILITY: Partitioning from water to n-octanol is not applicable.

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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