

SAFETY DATA SHEET

Date Issued : 7/1/2008

SDS No. : SeaKlear Spa Alkalinity Up

Date Revised : 8/13/2014

Revision No : 3

SeaKlear Spa Alkalinity Up

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SeaKlear Spa Alkalinity Up
GENERAL USE: Alkalinity Increaser
GENERIC NAME: Sodium Bicarbonate; Sodium Hydrogen Carbonate

DISTRIBUTOR

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

2. HAZARDS IDENTIFICATION

GHS LABEL

Not a dangerous substance/mixture according to GHS standards

HAZARD STATEMENTS

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: No significant health or environmental effects associated with this material.

POTENTIAL HEALTH EFFECTS

EYES: Non-irritating to the eyes.

SKIN: Non-irritating to the skin.

INGESTION: Material is non-toxic. Small amounts (1-2 tablespoons) are not likely to cause injury if stomach is not overly full. Swallowing larger amounts may cause injury.

INHALATION: Not expected to be toxic by inhalation.

CARCINOGENICITY: No known effects.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Sodium Hydrogen Carbonate; Sodium Bicarbonate	95 - 100	144-55-8

4. FIRST AID MEASURES

EYES: Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

INHALATION: Remove to fresh air. If symptoms occur, get medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

CHRONIC EFFECTS: No known effect.

NOTES TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING MEASURES

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FLAME PROPAGATION OR BURNING RATE OF SOLIDS: Not flammable.

GENERAL HAZARD: No specific hazards.

EXTINGUISHING MEDIA: Use water spray, dry chemical, foam, or carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Scoop up into dry clean containers. Wash away uncontaminated residue with water.

SPECIAL PROTECTIVE EQUIPMENT: Avoid contact with skin, eyes and clothing. Use personal protective equipment. Ensure adequate ventilation.

COMMENTS: Avoid dust formation. Pick up and transfer to properly labeled containers. Ventilate area and wash spill site after material pickup is complete.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Use appropriate exhaust ventilation in places where dust is formed. In case of insufficient ventilation, wear suitable respiratory equipment.

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

COMMENTS: Incompatible Products: Strong oxidizing agents. Strong acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Does not contain any hazardous materials with occupational exposure limits established. Local nuisance dusts apply.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields or goggles.

SKIN: Protective gloves.

RESPIRATORY: A respirator or dust mask approved by NIOSH/MSHA should be worn when breathing zone cannot be controlled with ventilation.

PROTECTIVE CLOTHING: Body protective clothing and shoes.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

ODOR: None.

APPEARANCE: White crystalline.

pH: 8.3 (1% solution.)

FLASHPOINT AND METHOD: Not combustible.

FLAMMABLE LIMITS: 0 to 0

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A.

BOILING POINT: N/A

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FREEZING POINT: N/A

MELTING POINT: Decomposes

SOLUBILITY IN WATER: 9.0% @ 20°C

DENSITY: 66 lbs. per cubic foot.

SPECIFIC GRAVITY: 2.22

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Moisture.

HAZARDOUS DECOMPOSITION PRODUCTS: Reacts with acids to release carbon dioxide gas and heat.

INCOMPATIBLE MATERIALS: Strong oxidizing agents. Strong acids.

COMMENTS: Hazardous Decomposition Products: Carbon Oxides.

11. TOXICOLOGICAL INFORMATION

ACUTE

ORAL LD₅₀: 4300 mg/kg (rat) - 20% slurry

EYE EFFECTS: Non-irritating (rabbit)

SKIN EFFECTS: Non-irritating (rabbit) May abrade skin when moisture is present.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Not expected to have significant environmental effects.

BIOACCUMULATION/ACCUMULATION: This product is not expected to bioaccumulate.

AQUATIC TOXICITY (ACUTE): Algae (*Nitzschia linearis*) EC50 = 650 mg/l 120 h

Daphnids EC50 = 2300 mg/l, 48 h

Bluegill LC50 = 8250 - 9000 mg/l

Rainbow Trout LC50 = 7700 mg/l

COMMENTS: Dissociates into ions.

13. DISPOSAL CONSIDERATIONS

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

GENERAL COMMENTS: If this product 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.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

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15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Not listed.

FIRE: No PRESSURE GENERATING: No REACTIVITY: No ACUTE: No CHRONIC: No

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not regulated.

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

29 CFR1910.119--PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS: Not hazardous.

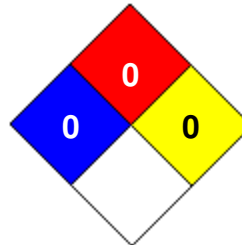
16. OTHER INFORMATION

REVISION SUMMARY: This SDS replaces the 7/31/2013 SDS. Revised: Section 2: .

HMIS RATING

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

NFPA CODES



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