

Material Safety Data Sheet**EMERGENCY**

FOR CHEMICAL EMERGENCY: SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL
CHEMTREC - DAY or NIGHT - (800) 424-9300

Product Name: **SEABOARD ALKA-LITE**

SECTION I - GENERAL INFORMATION

Manufacturer's Name: Seaboard Industries, Inc.
185 Van Winkle Avenue
Hawthorne, NJ 07506

Trade Name & Synonyms: **ALKA-LITE, SODIUM BICARBONATE, PRIVATE LABEL**
 Chemical Name & Synonyms: Sodium Bicarbonate
 Generic Description: N/A
 Formula: NaHCO₃
 D.O.T. Proper Shipping Name: Sodium Bicarbonate
 D.O.T. Hazard Class: N/A
 U.N. or N.A. Identification #: N/A
 D.O.T. Emergency Response Guide No.: N/A
 Hazardous Mat's ID System Values (HMIS) Health - 0 Flammability -0 Reactivity -0 Personal Protection -N/A
 NaH Fire Protection Assn. (NFPA 704M). Health - N/A Flammability -N/A Reactivity -N/A Specific Hazard: N/A

SECTION II - INGREDIENTS

Hazardous Component(s)	CAS#	PEL	TLV	Wt. %
Sodium Bicarbonate	144-55-8	Not Established	Not Established	100

SECTION III - PHYSICAL DATA

Boiling Point (F): N/A Specific Gravity (water = 1): 2.2
 Vapor Pressure (mm Hg): N/A % Volatile (by Volume): N/A
 Vapor Density (air = 1): N/A Evaporation Rate: (Water = 1) N/A
 Melting Point (F): N/A pH: 8.2
 Solubility in Water: 8.6 g/100ml @ 68°F Molecular Weight: 84.02
 Appearance & Odor: White crystalline powder with no odor.

SECTION IV - FIRE & EXPLOSION DATA

Flash Point (F): Not Combustible Method: N/A
 Extinguishing Media: Use extinguishing media appropriate for surrounding fire.
 Special Fire Fighting Procedures: Carbon Dioxide may be generated making necessary the use of a self contained breathing apparatus and full protective equipment (Bunker Gear). Carbon Dioxide is an asphixiant at levels over 5% W/W/ Sodium Hydroxide, another thermal decomposition product existing at temperatures above 1564°F is a respiratory, eye and skin irritant. Avoid inhalation, eye and skin contact with sodium oxide dusts.
 Unusual Fire & Explosion Hazards: None Known.

SECTION V - REACTIVITY DATA

Stability - Unstable Stable
 Conditions to Avoid: Temperatures above 228°F.
 Incompatibility (Materials to Avoid): Reacts with acids to form Carbon Dioxide.
 Hazardous Decomposition Products: Heating above 228°F may cause dangerous levels of Carbon Dioxide gas to be present in confined spaces. Yields Sodium Oxide if exposed to temperatures above 1564°F. Avoid contact in any way with Sodium Oxide.
 Hazardous Polymerization: Will Occur Will Not Occur

SECTION VI - HEALTH HAZARD DATA

Potential Health Effects-

Eye: Not an irritant.
Skin: Not an irritant.
Inhalation: None known.
Ingestion: Material is non-toxic. Small amounts swallowed are not likely to cause injury. Swallowing larger amounts (>tablespoon) may cause injury.

Chronic Health Hazards: None known.

Chemical Listed as Carcinogen or Potential Carcinogen by:

National Toxicology Program: Yes: No: X
I.A.R.C. Monographs: Yes: No: X
O.S.H.A. Yes: No: X

Emergency & First Aid Procedures: For principle route of entry, see appropriate emergency procedures below.

Route of Entry: Inhalation: None.
Eyes: Flood with clean luke warm (not hot) water at low pressure. Remove contacts. Occasionally lift eyelids while flooding the yes.
Skin: None.
Ingestion: If overexposure, do not induce vomiting. If patient is conscious and can swallow, administer milk or water.
Note to Physician: Large doses may produce systemic alkalosis and expansion in extracurricular fluid volume with edema.

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:
Scoop up into dry, clean containers. Wash away residue with water.

Waste Disposal Methods:
Bury in a secure landfill in accordance with all local, state and federal regulations. Empty containers may be incinerated or discarded in general trash.

SECTION VIII - SPECIAL PROTECTION AND CONTROL MEASURES

Respiratory Protection (Specify Type): Dust mask required if total dust level exceeds 10mg/m^3.

Protective Equipment -
Gloves: General purpose for handling dry product. Impervious gloves when working
Eyes: Safety glasses. Do not wear contact lenses.

Other Protective Equipment: Full cover clothing. Apron where splashing could occur.

Work or Hygienic Practices: No special requirements.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage:
Store in a cool, dry area away from incompatible substances. Do not enter confined spaces until they have been well ventilated.

Other Precautions: None.

=====TH
ESE DATA ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER
EXPRESSED OR IMPLIED IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE
BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE
SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.

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