



MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communications Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Product Name Alkalinity KH PH Booster
Product ID 2173, 2174, 2198

08/01/12

SECTION 1

PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Alkalinity KH PH Booster
SYNONYMS: Soda Ash, Sodium Carbonate
PRODUCT CODES: 2173, 2174, 2198
MANUFACTURER: SR Aquaristik
ADDRESS: 902 S. Randall Rd. Suite C #308, St. Charles, IL 60174
EMERGENCY PHONE: 630-524-4612
EMAIL CONTACT: info@sraquaristik.com

CHEMICAL FORMULA: Na₂-C-O₃

SECTION 2

COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS None known.
COMPONENTS All ingredients not precisely identified are proprietary.

OTHER INGREDIENTS:	Sodium Carbonate (Soda Ash)
CAS NO.	497-19-8
% WT	@
OVER 3%	yes

SARA 313 REPORTABLE no

SECTION 3

HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Appearance: Solid Powder
Odor: none

POTENTIAL HEALTH EFFECTS

EYES: Slight irritation may occur

SKIN: Slight irritaion may occur
INGESTION: Slight irritaion may occur

	INHALATION:	Slight irritation may occur
	ACUTE AND CHRONIC HEALTH HAZARDS:	None known.
	MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:	None known.
CARCINOGENICITY		
	OSHA:	n/a
	IARC:	n/a
	ACGIH:	n/a
	OTHER:	n/a
	NTP:	n/a

SECTION 4 FIRST AID MEASURES

EYES:	Flush eyes thoroughly with running water for 15 minutes while keeping the eyelids wide open. Consult physician if redness or irritation persists.
SKIN:	Wash with soap and water. Cold water may be used. If irritation develops seek medical attention
INGESTION:	n/a
INHALATION:	n/a

SECTION 5 FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	any
EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS	none
SPECIAL EXPOSURE HAZARDS IN A FIRE	none
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS	none
OTHER INFORMATION	none

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Follow protective measures provided in sections 5 and 8
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**ENVIRONMENTAL PRECAUTIONS
METHODS FOR CLEAN UP**

Keep away materials and products which are incompatible with product specified in section 10
Rinse spilled product to dilute areas of direct contact.
Wear suitable clothing and protective equipment
Recover or mop up excess material and reuse wherever possible.
Absorb unusable product with suitable material and dispose of in accordance with Section 13.

SECTION 7

HANDLING AND STORAGE

HANDLING Maintain good housekeeping practices
Wash hands after use
Avoid contact with potable water or food

STORAGE Keep in a dry place
Keep away from direct sunlight
Keep away from heat
Keep away from incompatible products specified in section 10
Keep only in the original container at temperature not exceeding 40C (104F)

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: n/a
VENTILATION: Local exhaust, mechanical exhaust recommended
RESPIRATORY PROTECTION: Dust filter mask recommended
EYE PROTECTION: ANSI approved safety glasses with side protection or goggles.
SKIN PROTECTION: Wear suitable protective clothing
HYGIENIC PRACTICES: Handle in accordance with good hygiene and safety practice.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

APPEARANCE: Solid white powder
ODOR: none

IMPORTANT HEALTH SAFETY AND ENVIRONMENTAL INFORMATION

pH: 11.5
BOILING POINT n/a
FLASH POINT n/a
MELTING POINT 851C
FLAMMABILITY (SOLID, GAS) non flammable
EXPLOSIVE PROPERTIES non-explosive
VAPOR PRESSURE: n/a
VAPOR DENSITY: n/a
BULK DENSITY n/a
EVAPORATION RATE: n/a
SOLUBILITY IN WATER: Soluble in hot water, glycerol

DECOMPOSITION n/a
TEMPERATURE
VISCOSITY: n/a
SPECIFIC GRAVITY 2.532

SECTION 10

STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions of use.

CONDITIONS TO AVOID: none

INCOMPATIBILITY (MATERIAL TO AVOID): Acid

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: none known

HAZARDOUS POLYMERIZATION: n/a

CONDITIONS TO AVOID: n/a

SECTION 11

TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA:

ACUTE ORAL TOXICITY 4090mg/kg (rat)

ACUTE INHALATION TOXICITY causes severe irritation of the respiratory tract

ACUTE DERMAL IRRITATION/ CORROSION none known

SKIN IRRITATION causes slight irritation

EYE IRRITATION causes severe irritation of the eyes

SENSITIZATION none

CHRONIC TOXICITY n/a

CHRONIC TOXICITY/ CARCINOGENIC DESIGNATION: Prolonged or repeated skin contact may produce severe irritation or dermatitis.

SECTION 12

ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS:

ACUTE TOXICITY: none known

MOBILITY: not applicable

PERSISTENCE AND DEGRADABILITY: none known

BIOACCUMULATIVE POTENTIAL: is not known to accumulate

SECTION 13

DISPOSAL CONSIDERATIONS

WASTE TREATMENT: Dispose of within current local and state regulations. No special method required.

PACKAGING TREATMENT: Consult federal, state, and local regulations regarding the proper disposal of emptied containers.

RCRA HAZARD CLASS: n/a

SECTION 14**TRANSPORT INFORMATION****U.S. DEPARTMENT OF TRANSPORTATION**

PROPER SHIPPING NAME: Chemicals Not Otherwise Indexed (NOI) Not Hazardous
HAZARD CLASS: Not Regulated
ID NUMBER: n/a
LABEL: none
STATEMENT:

WATER TRANSPORTATION

PROPER SHIPPING NAME: Chemicals Not Otherwise Indexed (NOI) Not Hazardous
HAZARD CLASS: Not Regulated
ID NUMBER: n/a
LABEL: none
STATEMENT:

AIR TRANSPORTATION

PROPER SHIPPING NAME: Chemicals Not Otherwise Indexed (NOI) Not Hazardous
HAZARD CLASS: Not Regulated
ID NUMBER: n/a
LABEL: none
STATEMENT:

SECTION 15**REGULATORY INFORMATION**

Preparation does not contain ingredients listed as a dangerous substance in Annex 1 of the EEC directive 67/548.

SECTION 16**OTHER INFORMATION****KEEP OUT OF REACH OF CHILDREN**

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