

SAFETY DATA SHEET

Date issued : 05/01/2024
SDS number : Life pH PLUS - Canada

Life pH PLUS

1. Identification

Product identifier: Life pH PLUS
Relevant identified uses: pH Increaser

Distributor

Alliance Trading, Inc.
109 North Park Blvd., 4th Floor
Covington, LA 70433

Emergency telephone number (24 hour)

24 Hour Emergency Phone Number: 1-888-670-7665

2. Hazard identification

Classification of the substance or mixture**Health hazards:**

Serious Eye Damage, Category 2

Label elements

Exclamation
mark

Signal word: WARNING

Hazard statement(s)

H319: Causes serious eye irritation.

Precautionary statement(s)**Prevention:**

4304ZF6P: Wash exposed skin thoroughly after handling.
74880IHY: Wear eye/face protection.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Sodium Carbonate	100	497-19-8

4. First-aid measures

Eye: Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

Skin: Flush skin with plenty of soap and water, removing contaminated clothing. If irritation persists, consult a physician.

Ingestion: Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

Inhalation: Remove to fresh air. If effects occur, seek medical attention.

Indication of immediate medical attention and special treatment needed, if necessary: Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

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Hazardous combustion products: Non-combustible. Substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.

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

Hazardous decomposition products: Emits fumes of sodium oxide. Carbon oxides (COx).

6. Accidental release measures

Environmental precautions

Water spill: Do not flush into surface water or sanitary sewer system.

General procedures: Avoid dust formation. Sweep up to prevent slipping hazard. Pick up and transfer to properly labeled containers. Keep in suitable and closed containers for disposal.

Release notes: Prevent large quantities of this product from contacting vegetation or waterways.

7. Handling and storage

Precautions for safe handling: Use in well-ventilated areas. Avoid breathing dusts.

Conditions for safe storage: Store in original container. Keep container tightly closed. Keep away from acids, aluminum and powdered aluminums.

8. Exposure controls/personal protection

Exposure controls

Control parameters				
	Occupational exposure limit values			
Chemical name	Type		ppm	mg/m³
Sodium Carbonate	OSHA PEL	TWA	[1]	[1]
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
Footnotes: 1. NL = Not Listed				

Appropriate engineering controls: Use local exhaust. There are no product-specific guidelines for exposure, however Federal Guidelines treat this ingredient as a nuisance dust.

Exposure Guidelines for Particulates Not Otherwise Regulated:

OSHA (PEL/TWA): 15 mg/m³ (total dust); 5 mg/m³ (resp fraction)

MSHA (PEL/TWA): 10 mg/m³ (total dust)

Individual protection measures, such as personal protective equipment

Eye / face protection: Wear safety glasses with side shields.

Respiratory protection: In dusty atmospheres use a NIOSH-approved dust respirator.

Skin protection - other: Wear protective clothing.

9. Physical and chemical properties

Physical state: Solid

Appearance: White granular.

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Odor: Odorless
pH: 11.4 (1% solution.)
Melting point: 851°C
Initial boiling point and boiling range: Decomposes
Flash point: Not combustible.
Lower explosion limit / flammability limit: 0
Upper explosion limit / flammability limit: 0
Vapor pressure: N/A
Relative vapor density: N/A
Relative density: 2.52
Solubility: 212.5 g/L at 20 deg C
Decomposition temperature: 400°C
Molecular weight: 105.99

10. Stability and reactivity

Dangerous polymerization: Will not occur.
Chemical stability: Stable. Decomposes by reaction with strong acids.
Conditions to avoid: Exposure to air or moisture over prolonged periods.
Hazardous decomposition products: Heated to decomposition, it emits fumes of sodium oxide.
Incompatible materials: Aluminum, powdered aluminum, acids.

11. Toxicological information

Acute toxicity

Acute dermal toxicity LD₅₀: > 2000 mg/kg - Rabbit

Acute oral toxicity LD₅₀: 2800 mg/kg - Rat

Acute inhalation toxicity LC₅₀: 2.3 mg/l (2hr) (rat)

Respiratory or skin sensitization: Non-sensitizer.

Carcinogenicity

Notes: None of the components in this product are listed by IARC, NTP, OSHA or ACGIH as carcinogen.

12. Ecological information

Aquatic toxicity, both acute and chronic

96-hour LC₅₀: > 300 mg/L (Bluegill Sunfish)

48-hour EC₅₀: 200-22 mg/L Ceriodaphnia

Persistence and degradability: Biodegradability does not apply to inorganic substances. No significant toxicity to aquatic organisms is expected.

Bioaccumulative potential: This product is not expected to bioaccumulate.

13. Disposal considerations

Disposal methods: Dispose in accordance with all applicable regulations.

RCRA/EPA waste information: This product is not considered a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA).

14. Transport information

USA Department of Transport Regulations (DOT)

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UN proper shipping name: Not Regulated.

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

313 reportable ingredients: None.

CERCLA Hazardous Substances and Reportable Quantities (RQ)

CERCLA regulatory: Not listed.

TSCA (The Toxic Substances Control Act)

TSCA Status: All ingredients in this mixture are in compliance with TSCA.

Regulations

State regulations: Not regulated.

California Proposition 65: This product does not contain any Proposition 65 chemicals.

RCRA status: Not a hazardous waste if discarded in its purchased form.

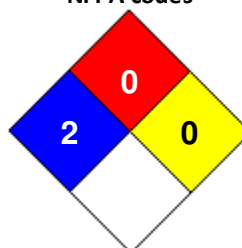
16. Other information

Date Prepared: 05/01/2024

HMIS rating

Health	<input type="checkbox"/>	2
Flammability	<input type="checkbox"/>	0
Physical hazard	<input type="checkbox"/>	0
Personal protection	<input type="checkbox"/>	

NFPA codes



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