

SAFETY DATA SHEET

Date Issued : 06/05/2019
 SDS No. : Imperial pH Plus
 Date Revised : 08/30/2019
 Revision No : 1

Essential Elements pH Plus

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Essential Elements pH Plus
GENERAL USE: pH Increaser

DISTRIBUTOR

Imperial Pools
 33 Wade Road
 Latham, NY 12110
Product Stewardship: (518) 786-1212

24 HR. EMERGENCY TELEPHONE NUMBERS

InfoTrac 24-Hour Emergency #: (800) 535-5053

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Serious Eye Damage, Category 2

GHS LABEL



Exclamation
mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H319: Causes serious eye irritation.

PRECAUTIONARY STATEMENT(S)

Prevention:

4304ZF6P: Wash exposed skin thoroughly after handling.
 7488OIHY: 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	Wt. %	CAS
Sodium Carbonate	100	497-19-8

4. FIRST AID MEASURES

EYES: 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.

NOTES TO PHYSICIAN: Treat symptomatically.

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5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

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

HANDLING: Use in well-ventilated areas. Avoid breathing dusts.

STORAGE: Store in original container. Keep container tightly closed. Keep away from acids, aluminum and powdered aluminums.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m ³
Sodium Carbonate	OSHA PEL	TWA	[1]	[1]
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL

Footnotes:

1. NL = Not Listed

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)

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields.

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

PROTECTIVE CLOTHING: Wear protective clothing.

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9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid
ODOR: Odorless
APPEARANCE: White granular.
pH: 11.4 (1% solution.)
FLASHPOINT AND METHOD: Not combustible.
FLAMMABLE LIMITS: 0 to 0
VAPOR PRESSURE: N/A
VAPOR DENSITY: N/A
BOILING POINT: Decomposes
MELTING POINT: 851°C
THERMAL DECOMPOSITION: 400°C
SOLUBILITY IN WATER: 212.5 g/L at 20 deg C
SPECIFIC GRAVITY: 2.52
MOLECULAR WEIGHT: 105.99

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur.
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
DERMAL LD₅₀: > 2000 mg/kg - Rabbit
ORAL LD₅₀: 2800 mg/kg - Rat
INHALATION LC₅₀: 2.3 mg/l (2hr) (rat)
RESPIRATORY OR SKIN SENSITISATION: Non-sensitizer.
CARCINOGENICITY
NOTES: None of the components in this product are listed by IARC, NTP, OSHA or ACGIH as carcinogen.

12. ECOLOGICAL INFORMATION

BIOACCUMULATION/ACCUMULATION: This product is not expected to bioaccumulate.
AQUATIC TOXICITY (ACUTE)
96-HOUR LC₅₀: > 300 mg/L (Bluegill Sunfish)
48-HOUR EC₅₀: 200-22 mg/L Ceriodaphnia
CHEMICAL FATE INFORMATION: Biodegradability does not apply to inorganic substances. No significant toxicity to aquatic organisms is expected.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with all applicable regulations.

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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

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS: None.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not listed.

TSCA (TOXIC SUBSTANCE 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

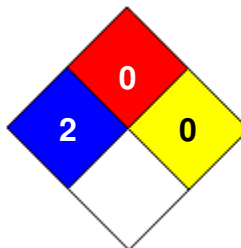
Date Revised: 08/30/2019

REVISION SUMMARY: This SDS replaces the 06/05/2019 SDS. Revised: **Section 1:** 24 HR. EMERGENCY TELEPHONE NUMBERS.

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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