

## SAFETY DATA SHEET



Date Prepared : 03/15/2016

SDS No. : RB pH Plus

## Robelle pH Plus

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Robelle pH Plus**GENERAL USE:** pH Increaser**MANUFACTURER**

Suncoast Chemicals Company

6385 150th Ave. N.

Clearwater, FL 33760

**Emergency Contact:** ChemTel, Inc.**Emergency Phone:** (800) 255-3924**Product Stewardship:** (727) 531-8913**DISTRIBUTOR**

Robelle Industries, Inc.

(781) 297-7422

60 Campanelli Dr

Braintree, MA 02184

## 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.

**HEALTH HAZARDS:** May be harmful if swallowed.

## 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.

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**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.

### 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 <sup>3</sup>
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/m<sup>3</sup> (total dust); 5 mg/m<sup>3</sup> (resp fraction)

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MSHA (PEL/TWA): 10 mg/m<sup>3</sup> (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.

## 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 LD<sub>50</sub>:** > 2000 mg/kg - Rabbit

**ORAL LD<sub>50</sub>:** 2800 mg/kg - Rat

**INHALATION LC<sub>50</sub>:** 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

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

### AQUATIC TOXICITY (ACUTE)

**96-HOUR LC<sub>50</sub>:** > 300 mg/L (Bluegill Sunfish)

**48-HOUR EC<sub>50</sub>:** 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 of in accordance with applicable local, state, and federal 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

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Not Regulated.

## 15. REGULATORY INFORMATION

### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**FIRE:** No additional information available. **PRESSURE GENERATING:** No additional information available.

**REACTIVITY:** No additional information available. **ACUTE:** Yes **CHRONIC:** No additional information available.

**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.

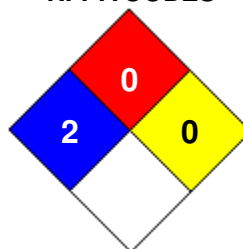
## 16. OTHER INFORMATION

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### 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



**MANUFACTURER DISCLAIMER:** Although reasonable care has been taken in the preparation of this document, we extend no

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