

# SAFETY DATA SHEET

Date Prepared : 03/22/2018  
SDS No. : Miami pH Up

## Sanygen pH Up

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Sanygen pH Up  
**GENERAL USE:** pH Increaser

**DISTRIBUTOR**

Miami Products & Chemical Company  
P.O. Box 486  
Dayton, OH 45401

### 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.

### 5. FIRE FIGHTING MEASURES

# SAFETY DATA SHEET

Date Prepared : 03/22/2018

SDS No. : Miami pH Up

## Sanygen pH Up

**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)

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

# SAFETY DATA SHEET

Date Prepared : 03/22/2018  
SDS No. : Miami pH Up

## Sanygen pH Up

**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

**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 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).

# SAFETY DATA SHEET

Date Prepared : 03/22/2018  
SDS No. : Miami pH Up

Sanygen pH Up

## 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.

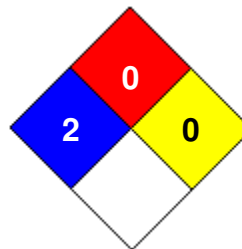
## 16. OTHER INFORMATION

Date Prepared: 03/22/2018

### HMIS RATING

HEALTH	□	2
FLAMMABILITY	□	0
PHYSICAL HAZARD	□	0
PERSONAL PROTECTION	□	

### NFPA CODES



**MANUFACTURER DISCLAIMER:** Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).