

SAFETY DATA SHEET

Date Prepared : 03/22/2018

SDS No. : Miami pH Down

Sanygen pH Down

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Sanygen pH Down**GENERAL USE:** pH Decreaser**DISTRIBUTOR**

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

2. HAZARDS IDENTIFICATION

GHS LABEL

Exclamation
mark

SIGNAL WORD: WARNING**HAZARD STATEMENTS**

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H303: May be harmful if swallowed.

PRECAUTIONARY STATEMENT(S)**Prevention:**

P262: Do not get in eyes, on skin, or on clothing.

P271: Use only outdoors or in a well-ventilated area.

P233: Keep container tightly closed.

P264: Wash ... thoroughly after handling.

POTENTIAL HEALTH EFFECTS**EYES:** Causes eye irritation. Adverse symptoms may include pain, watering and redness.**SKIN:** Prolonged exposure may cause skin irritation.**INGESTION:** Small amounts (a tablespoonful) swallowed during normal handling operations are not likely to cause injury. Swallowing large amounts may irritate or burn digestive tract.**INHALATION:** Inhalation of dust may irritate nose, throat and/or lungs.**CARCINOGENICITY:** Not listed by NTP, IARC or OSHA.**MEDICAL CONDITIONS AGGRAVATED:** Pre-existing respiratory conditions.**ROUTES OF ENTRY:** Eyes, Skin, Inhalation, Ingestion

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Sodium Bisulfate (Eye Dam. 1, H318)	> 90	7681-38-1

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 20 minutes, occasionally lifting the upper and lower eyelids. If redness or

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irritation persists, get prompt medical attention.

SKIN: Immediately flush skin with running water for at least 20 minutes. If skin irritation occurs, seek medical attention.

INGESTION: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call medical doctor or poison control center immediately.

INHALATION: Remove to fresh air. If not breathing, if breathing is irregular, or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. If irritation or discomfort persists, seek medical attention.

NOTES TO PHYSICIAN: Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING EQUIPMENT: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

HAZARDOUS DECOMPOSITION PRODUCTS: At temperatures above 806 deg F, hazardous fumes sulfur oxide and sulfur trioxide are evolved.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Vacuum or sweep up material and place in a designated labeled waste container. Dispose of via a licensed waste disposal contractor.

GENERAL PROCEDURES: Prevent entry into soil, waterways, drains and sewers. Inform relevant authorities if product has caused environmental pollution.

SPECIAL PROTECTIVE EQUIPMENT: Do not breathe dust. Provide adequate ventilation. Put on appropriate personal protective equipment.

7. HANDLING AND STORAGE

HANDLING: Wear all recommended personal protective clothing when handling. Avoid contact with eyes. Wash thoroughly after handling. Minimize dust generation. Avoid breathing dust.

STORAGE: Material is hygroscopic and will readily absorb moisture. Keep containers tightly closed. DO NOT store where exposed to moist conditions. DO NOT store near strong alkalis.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m ³
Sodium Bisulfate (Eye Dam. 1, H318)	OSHA PEL	TWA	ppm ^[1]	mg/m ³ ^[1]
		STEL	ppm	mg/m ³
	ACGIH TLV	TWA	ppm	mg/m ³
		STEL	ppm	mg/m ³
	Supplier OEL	TWA	NL ppm	NL mg/m ³
		STEL	NL ppm	NL mg/m ³

Footnotes:
1. This material meets the definition as an Irritant as defined in OSHA's Hazard Communication Standard.

ENGINEERING CONTROLS: Local exhaust.

PERSONAL PROTECTIVE EQUIPMENT

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EYES AND FACE: Wear chemical safety goggles.

SKIN: Rubber gloves and cotton-blend coveralls.

RESPIRATORY: In dusty atmospheres (greater than 10 mg/m³) use a NIOSH-approved dust respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Dry crystalline solid.

ODOR: Fresh to pungent.

APPEARANCE: Off-white granular powder.

pH: < 1.0 5% aqueous solution spherical shaped beads.

FLASHPOINT AND METHOD: Not combustible.

FLAMMABLE LIMITS: 0 to 0

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

MELTING POINT: 350°C (177°F)

SOLUBILITY IN WATER: Partially Soluble

at 20°C (68°F)

DENSITY: 80-85 lbs/ft³ (loose)

SPECIFIC GRAVITY: 1.28

MOLECULAR WEIGHT: 120

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable.

POSSIBILITY OF HAZARDOUS REACTIONS: Under normal conditions of storage and use, hazardous reactions will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

INCOMPATIBLE MATERIALS: Oxidizing materials, acids and alkalis. Do NOT mix dry or concentrated solutions of this product with concentrated solutions of chlorine bleach, ammonia cleansers or similar products.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

ORAL LD₅₀: 2800 mg/kg - Rat

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This material dissolves in water to form a weak acid solution. A 0.05% or greater (by weight) solution of this product will likely be harmful to aquatic life.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with all applicable regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

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15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Not listed.

FIRE: No additional information available. **PRESSURE GENERATING:** No additional information available. **REACTIVITY:** No additional information available. **ACUTE:** Yes **CHRONIC:** Yes

313 REPORTABLE INGREDIENTS: None.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: No.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All components are listed on the TSCA Inventory.

REGULATIONS

STATE REGULATIONS: Not regulated.

CALIFORNIA PROPOSITION 65: There are no chemicals present known to the State of California to cause cancer.

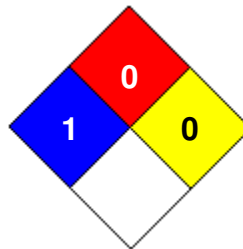
16. OTHER INFORMATION

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HMIS RATING

HEALTH		1
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		

NFPA CODES



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