

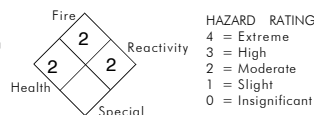


pH Down

(Sodium Bisulfate)

**EMERGENCY MEDICAL
TELEPHONE NUMBER**
1-913-588-6633

MATERIAL SAFETY DATA SHEET



SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION

Pur-O-Zone, Inc.
345 N. Iowa Street, Lawrence, KS USA
Telephone Number for information: 785-843-0771

Product Name: pH Down
Date Prepared: April 19, 2001
Prepared by Regulatory Affairs Department

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components: CAS #s	OSHA PEL	ACGIH TLV	Other Limits	% Optional
Sodium bisulfate 007681-38-1	N/E	N/E	N/E	93-95
Sodium sulfate 007757-82-6	N/E	N/E	N/E	5-7

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A **Specific Gravity (H₂O=1):** N/A
Vapor Pressure: N/A **Melting Point:** 350 F
Vapor Density: N/A **Evaporation Rate (Water = 1):** N/A
Solubility in Water: Soluble
Appearance and Odor: Off-white, bead-like. Odorless.

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point (Method Used): N/A **LEL:** 1 **UEL:** 7
Extinguishing Media: Use media proper to the primary cause of fire
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: Cool containers exposed to extreme heat with large quantities of water.

SECTION V - PHYSICAL HAZARDS

Stability: Unstable **Conditions to Avoid:** N/A
 Stable **Conditions to Avoid:** Exposure to high temp.
Incompatibility (Materials to Avoid): Acids, bases, metals.
Hazardous Decomposition: Toxic oxides of carbon, oxides of sulfur, oxides of sodium.
Hazardous Polymerization: Will Occur **Conditions to Avoid:** N/A
 Will Not Occur **Conditions to Avoid:** N/A

SECTION VI - HEALTH HAZARDS

Route(s) of Entry: Inhalation? Skin?
Ingestion?
Health Hazards (Acute and Chronic): **Eyes:** Contact may cause moderate to severe irritation. **Skin:** Contact may cause irritation or burns. **Ingestion:** Harmful if swallowed. **Inhalation:** May be irritating to respiratory tract.

Carcinogenicity: NTP? N/A
IARC Monographs? N/A
OSHA Regulated? N/A

Signs and Symptoms of Exposure: See Health Hazards
Medical Conditions Generally Aggravated by Exposure: None Known
Emergency and First Aid Procedures:
Eyes: Flush with large amount of water for at least 15 minutes, holding eyelids open. Call a physician. **Skin:** Wash thoroughly with soap and water. **Ingestion:** Call a physician immediately. Drink 1-2 glasses of water. **Do not** induce vomiting.
Inhalation: Move to fresh air and rest.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled:
Contain spill and ventilate area. Sweep up and put in container for disposal.

Waste Disposal Method:
Flush to sewer with large quantity of water or dispose of inert material in a chemical landfill as permitted by all local, state and federal regulations.

Precautions to be Taken in Handling and Storing:
Avoid contact with skin, eyes, and clothing. Avoid breathing dust. Keep container tightly sealed when not in use.
Other Precautions: Keep out of reach of children.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: None normally required with adequate room ventilation.
Ventilation: Local Exhaust: N/A Special: N/A
Mechanical (Gen.): Satisfactory Other: Given adequate ventilation
Protective Gloves: Rubber **Eye Protection:** Chemical splash goggles
Other Protective Clothing or Equipment: Full cover clothing- Rubber apron if splashing likely - launder clothing before reuse.
Work/Hygiene Practices: Wash thoroughly after handling.

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