

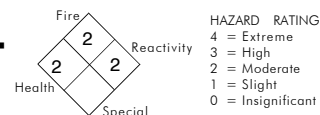


pH Up

(Soda Ash)

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 Up
Date Prepared: October 2002
Prepared by Regulatory Affairs Department

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

| Hazardous Components: CAS #s | OSHA PEL | ACGIH TLV | Other Limits | % Optional Sodium Carbonate |
|------------------------------|----------|-----------|--------------|-----------------------------|
| 000497-19-8 | N/E | N/E | N/E | 100 |

N/A = Not Applicable N/E = Not Established

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A **Specific Gravity (H₂O=1):** 2.509
Vapor Pressure: N/A **Melting Point:** 1564 F
Vapor Density: N/A **Evaporation Rate (Water = 1):** N/A
Solubility in Water: 33.2 maximum
Appearance and Odor: White, granular. 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): Halogens, acids, metals.
Hazardous Decomposition: Toxic oxides of carbon, oxides of sodium.
Hazardous Polymerization: May Occur **Conditions to Avoid:** N/A
 Will Not Occur **Conditions to Avoid:** N/A

SECTION VI - HEALTH HAZARDS

Route(s) of Entry: Inhalation? X Skin? X
Ingestion? X
Health Hazards (Acute and Chronic): **Eyes:** Contact may cause irritation. **Skin:** Contact may cause irritation. **Ingestion:** No data available.
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. Avoid generating dust.
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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