

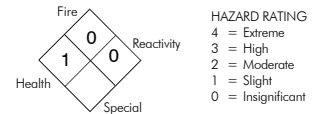


HW-1

Boiler Additive

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: HW-1 Boiler Additive
Date Prepared: October 2002
Prepared by Regulatory Affairs Department

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

N/A = Not Applicable	N/E = Not Established				
Hazardous Components: CAS #s	OSHA PEL	ACGIH TLV	Other Limits	% Optional	
Sodium Sulphite	7757-83-7	15mg/m ³	10mg/m ³	N.E.	80-100%

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/E	Specific Gravity (H₂O=1): N/E
Vapor Pressure: N/E	Melting Point: N/E
Vapor Density: N/E	Evaporation Rate (Water = 1): N/A
Solubility in Water: Complete	
Appearance and Odor: White Powder	

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point (Method Used): NONE
Flammable Limits: N/A **LEL:** N/A **UEL:** N/A
Extinguishing Media: Use media proper to the primary cause of fire
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None

SECTION V - PHYSICAL HAZARDS

Stability: Unstable **Conditions to Avoid:** N/A
 Stable **Conditions to Avoid:** N/A
Incompatibility (Materials to Avoid):
Hazardous Decomposition: None
Products or Byproducts: None
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? N/A Skin? N/A Ingestion? X
Health Hazards (Acute and Chronic):
 Eyes: May cause irritation. Skin: Prolonged or repeated exposure may cause irritation. Ingestion: May cause severe irritation of gastrointestinal tract, nausea, vomiting, diarrhea. Inhalation: Mists created by spray application may irritate respiratory tract. Use with adequate ventilation.

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: Immediately flush eyes thoroughly for 15 minutes with water, occasionally holding eyelids open. Call a physician. **Skin:** Wash with mild soap and water. **Ingestion:** Drink gelatin solution, egg whites or two to three (2-3) large glasses of water. Call a physician. **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:
 Collect and reuse if possible or flush to sewer with large quantity of water if permitted by all local, state, and federal regulations.

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

Precautions to be Taken in Handling and Storing:
 Normal good housekeeping practices.

Other Precautions: Keep out of reach of children.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: None required
Ventilation: Local Exhaust: N/A **Special:** N/A
 Mechanical (Gen.): Satisfactory **Other:** N/A
Protective Gloves: Rubber **Eye Protection:** Safety glasses or goggles
Other Protective Clothing or Equipment: As required to prevent wetting of clothing.
Work/Hygiene Practices: Wash hands after use.

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