

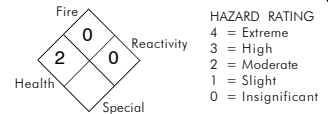


Kolor Treat

Low Pressure Boiler Treatment

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: Kolor Treat
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
Potassium Hydroxide				
1310-58-3	2mg/m ³	2mg/m ³	N/E	0.49%
Sodium Hydroxide				
1310-73-2	2mg/m ³	2mg/m ³	N/E	3.41%

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212° F **Specific Gravity (H₂O=1):** 1.052
Vapor Pressure: N/E **Melting Point:** N/A
Vapor Density: N/E **Evaporation Rate (Water = 1):** <1
Solubility in Water: Complete
Appearance and Odor: Dark brown w/mild odor

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point (Method Used): Non-flammable aqueous solution
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): Strong acids and oxidizers
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?** X **Skin?** **Ingestion?** X
Health Hazards (Acute and Chronic):
Corrosive Liquid: Eyes and skin: Direct contact with eyes or skin may cause burns, redness or irritation. **Ingestion:** Nausea, irritation, diarrhea, possible mucosal injury.
Inhalation: With inadequate room ventilation, nasal mucosal irritation.

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:** Remove contaminated clothing and footwear. Flood exposed skin with water. **Ingestion:** Drink 2-3 large glasses of water. DO NOT induce vomiting. Call a physician. **Inhalation:** Move to fresh air and rest. **CAUTION:** Material may stain skin and clothing.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled:

Collect and reuse if possible, absorb with inert material (sand, sawdust, etc.), or flush to sewer with large quantity of water if permitted by all local, state, and federal regulations. Do not allow runoff into public waterways.

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:

Store in cool, dry area. Use normal good housekeeping practices to prevent splashes and spills. DO NOT REUSE CONTAINER.

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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