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PO Box 25188

Anaheim, CA 92825

Material Safety Data Sheet

I. Identification

Product Name: ChemBrite B-T (Boiler Treatment)
Chemical Type: Alkaline Boiler Water Treatment and Conditioner
Information Phone Number: (618) 524-6600
Emergency Telephone Number: (800) 424-9300 (CHEMTREC) For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident - 24 Hours.

II. Hazardous Ingredients/Identity Information

| <u>Hazardous Component</u> | <u>CAS NO. of Component</u> | <u>ACGIH TWA of Component</u> | <u>OSHA PEL</u> | <u>Approximate Percentage</u> |
|-----------------------------------|-----------------------------|-------------------------------|----------------------------|-------------------------------|
| Sodium Hydroxide | 1310-73-2 | Not Determined | 2 mg/m ³ (STEL) | <5.0% |
| Disodium Sulfite | 7757-83-7 | Not Established | Not Established | <2.0% |
| Polyphosphoric Acid, sodium salts | 68915-31-1 | Not Established | Not Established | <6.0% |
| Sodium B-d- Glucoheptonate | 31138-65-5 | Not Established | Not Established | <6.0% |

This product does NOT contain components that are reportable under SARA Title III.

III. Physical/Chemical Characteristics

| | | | |
|---|------------------------------------|--------------------------------------|----------------|
| Boiling Point | ~215° F | Vapor Density (AIR = 1)) | Not Determined |
| Specific Gravity (H ₂ O = 1) | 1.107 | Vapor Pressure (mm Hg) | Not Determined |
| Solubility in Water | Soluble | Evaporation Rate (Butyl Acetate = 1) | <1.0 |
| Appearance and Odor: | Clear, medium to dark amber liquid | | |

IV. Fire and Explosion Hazard Data

Flash Point: Not Applicable.
Extinguishing Media: Water or any type extinguisher.
Special Firefighting Procedure: None
Unusual Fire & Explosion Hazards: None.

V. Reactivity Data

Stability: Stable.
Incompatibility: Strong acids.
Hazardous Decomposition Products: Oxides of phosphorous and amines.
Hazardous Polymerization: Will not occur.

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VI. Health Hazard Data

Effects of Overexposure:

Eyes: Can cause moderate to severe burns.

Skin: Prolonged contact can cause irritation and mild, moderate, to severe burns.

Breathing: Can cause irritation and upper respiratory distress.

Swallowing: Can cause irritation and burning of the esophageal tract.

First Aid Procedures:

Eyes: Flush with water for at least 15 minutes. Obtain medical attention.

Skin: Wash affected areas thoroughly with soap and water.

Inhalation: Remove individual to fresh air.

Ingestion: Do NOT induce vomiting. Seek medical attention immediately.

VII. Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled: Avoid contact with liquid. Small spills can be flushed into sewer system. Large spills should be contained and absorbed with an absorbent material. Place into plastic or metal (not aluminum) containers. Dispose of properly.

Waste Disposal Method: Dispose of in accordance with all local, state, and federal regulations. Dispose as non-hazardous waste.

Precautions in Handling or Storage: Store in tightly closed containers. Avoid contact with skin or eyes.

VIII. Control Measures

Respiratory Protection: Not normally needed if ventilation is adequate.

Ventilation : General exhaust should be sufficient.

Protective Gloves: Use chemical resistant gloves such as viton, nitrile, or neoprene if prolonged contact is possible.

Eye Protection : Goggles or face shield if splashing is likely to occur.

Other Protective Equipment: Eyewash stations are advisable.

IX. Comments and Disclaimer

FOR INDUSTRIAL USE ONLY

Keep Out of Reach of Children.

Maintain Good housekeeping.

Wash thoroughly after handling. Keep out of eyes.

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Signature of Preparer:



Tom Beckman