

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)
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SECTION 1 - COMPANY & PRODUCT IDENTIFICATION:

Company Name: KLEERWITE CHEMICAL
Emergency Phone: 800-535-5053 (InfoTrac)
P. O. BOX 10428, BURKE, VA 22009-0428, 703-451-3964; FAX: 703-451-7362

Trade Name: KLEERWITE BOILER TREATMENT **Product Type: BOILER TREATMENT**

SECTION 2 - INGREDIENT INFORMATION: * = HAZARDOUS

CHEMICAL NAME/Common Name	CAS NO.	PERCENT	TLV
* SODIUM HYDROXIDE	1310-73-2	<15%	2 mg/m ³
SODIUM TRIPOLY PHOSPHATE	7758-29-4		
SODIUM SULFITE	7757-83-7		

SARA HAZARD TITLE III, SECTION 313-CONTAINS THE STATED INGREDIENT(S) AT THE INDICATED PERCENTAGES

SECTION 3 - HEALTH HAZARD DATA:

Primary Routes of Exposure Eye Skin Oral Inhalation Other

Overexposure Effects: Will cause severe eye burns and irritation. Will cause skin burns and irritation.. Ingestion may cause gastritis and mucosal damage.

Threshold Limit Value: Not Established.

H.M.I.S Values: Health (Blue) - 2; Flammability (Red) - 0; Reactivity (Yellow) - 0; Personal Protection - C

Carcinogen or Suspect Carcinogen Ingredients NTP IARC OSHA None

SECTION 4 - FIRST AID MEASURES:

Eyes: Remove contact lenses. Flush eyes with water for 15 minutes, get prompt medical attention.

Skin: Flush skin with water. Remove contaminated clothing.

Ingestion: Give several glasses of water. Do not induce vomiting. If vomiting occurs, replace fluids. NEVER give anything by mouth to an unconscious person. Get medical attention..

Inhalation: Seek well ventilated area. If irritation persists seek medical attention.

SECTION 5 - FIREFIGHTING MEASURES:

Flash Point (T.C.C.) None to boiling Flammable Limits Upper: Not Flammable ; Lower: Not Flammable

Extinguishing Media: Foam, CO₂, Water fog, BC/ABC Extinguisher may be used in area where material is stored.

Special firefighting Procedures: Use self contained breathing apparatus

Unusual Fire and Explosion Hazards: None known.

SECTION 6 - ACCIDENTAL RELEASE MEASURES:

If Released or Spilled: Stop leaks. Contain spill, absorb with an inert material and place in a suitable container. Flush spill area with large amounts of water.

Waste Disposal Methods: Dispose of wash water and spill byproducts according to State and Federal regulations.

SECTION 7 - STORAGE AND HANDLING INFORMATION:

Store in a cool, dry area. Do not allow product to freeze. Do not get in the eyes, on skin or on clothing. Do not take internally.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not needed under normal condition of use.

Ventilation Requirements Local Exhaust Mechanical Other

Protective Gloves: Necessary for any contact. Eye Protection: Safety glasses/ goggles. Other protective Clothing: None needed

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES:

Boiling point (°F.) Above 200°F Density (lb/gal) 8.798 Specific Gravity (H₂O = 1) 1.055 pH (1%) = 13.5

Vapor Pressure (mm Hg) <0.01 mmHg Vapor Density (Air=1) >1.0

Solubility in water: Complete Insoluble Emulsifiable (or Dispersible) Slight (or Partial)

Evaporation Rate (vs. Ether) Faster Slower About the same

Appearance and Odor: Brown, odorless liquid.

SECTION 10 - STABILITY AND REACTIVITY:

Stability: Stable Incompatibility: Strong alkalis: oxidizers Hazardous Decomposition Products: Toxic oxides of carbon and sulfur.

SECTION 11 - TRANSPORTATION INFORMATION:

Proper Shipping Name: CORROSIVE LIQUIDS, n.o.s. (CONTAINS SODIUM HYDROXIDE)

D.O.T. Hazard Class: 8 UN Number: UN-1760 Packaging Group: PGII Label Required: CORROSIVE

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