

KRISS PREMIUM PRODUCTS INC
3400 E 42ND STREET
MINNEAPOLIS, MN 55406

EMERGENCY NUMBERS:
CHEM TREC (24 HRS) 1-800-424-9300
INFORMATION: (612) 722-8485

PRODUCT NAME:

Trade Name: **BWT-251 BOILER TREATMENT**

SECTION 1: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

SODIUM HYDROXIDE
(CAS #1310-73-2)

TWA/TLV

TWA / TLV 2 mg / m³ (Ceiling)
(OSHA / ACGIH)

SECTION 2: PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 212 DEG F°
Vapor Pressure (mm Hg): 17
Vapor Density (Air =1): N/A
Solubility in Water: COMPLETE

Specific Gravity (H₂O =1): 1.26
Melting Point: N/A
Evaporation Rate (Butyl =1): N/A

Appearance and Odor: CLEAR TO AMBER, NON-VISCOUS LIQUID AND SLIGHT ODOR.

SECTION 3: FIRE AND EXPLOSION HAZARD DATA

Flash Point: (Method): Non-flammable as supplied

Flammability Limits: LEL: Non-Flammable UEL: Non-Flammable

Extinguishing Media: Use media appropriate for surrounding fire

Special Fire Fighting Procedures:

Not considered a fire hazard. Firefighters should wear all protective equipment.

Unusual Fire Explosion Hazards:

Toxic fumes may be released.

NFPA Hazard Rating: Health: 3 Fire: 0 Reactivity: 1 Special: ALK

SECTION 4 – REACTIVITY DATA

Stability: Stable

Incompatibility: Avoid contact with strong acids and oxidizing agents.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: None

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SECTION 5: HEALTH HAZARDS

Routes of Entry: Skin Contact, Eye contact, Inhalation and Ingestion

Inhalation: May cause irritation.

Eye Contact: Destructive to eye tissue on contact. Will cause burns that result in damage to eye tissue and even blindness

Skin Contact: Destructive to tissues contacted. Will cause irritation and burns to exposed areas.

Ingestion: Will cause severe burns and tissue perforation of membranes of mouth, throat, esophagus and stomach if swallowed.

First Aid:

Eye Contact: Remove contacts if applicable, Thoroughly flush with cool water for 20 minutes while propping eyelids open for maximum irrigation. If irritation persists, contact a physician.

Skin Contact: Flush skin with copious amounts of water. If irritation develops, contact a physician.

Ingestion: Rinse mouth and drink small quantities of water to dilute stomach contents. **DO NOT** induce vomiting. Seek medical attention immediately.

SECTION 6: SPECIAL PROTECTION INFORMATION

Ventilation type: mechanical (Explosion proof) Where exposure limits are expected to be exceeded.

Respiratory Protection: Not normally required. If exposure limits are exceeded use a NIOSH / MSHA mask.

Protective Gloves: Rubber or neoprene.

Eye Protection: Protective goggles should be worn or face shield.

Other Equipment: Rubber apron. Eyewash facilities should be available.

SECTION 7: SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURE

Handling and Storage: Keep container closed when not in use. Avoid contact with strong acids. Store away from food. Do not put in unmarked containers. Do not mix with other chemicals. Always wash hands after using, before eating or drinking or using restroom facilities.

Spill and Leak Procedure: In case of spill, recover free product. Clean up residue, flush sparingly with water or use an absorbent. Avoid runoff to ground water, surface waters and sewers.

Waste Disposal: Make sure that all federal, state, and local regulations are observed.

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SECTION 8 - REGULATORY INFORMATION

Proper Shipping Name: Sodium Hydroxide Solution

Hazard Class: 8, PG II

Number: UN1824

Label Requirements: Corrosive

END OF FORM

Date prepared: 9/24/2001

The seller makes no warranty expressed or implied concerning the accuracy or any results to be obtained from the use of any information and no warranty expressed or implied concerning the use of the products. The buyer assumes all risks of the use and/or handling.

