



Material Safety Data Sheet

F. W. T.

1. Identification of the Substance/Preparation and the Company/Undertaking

Revision date: 01-04-07

Substance or preparation trade name: BOILER WATER TREATMENT, FWT
Unique reference numbers(s): 078001
Company/undertaking name & address: Caled Industries, 26 Hanes Drive, Wayne, NJ 07470

Telephone: 1-800-652-2533
Emergency telephone number: 1-800-424-9300 Chemtrec

2. Hazardous Ingredients

Substance:	Aprox. %	CAS #	
Sodium Hydroxide	5 – 10	1310-73-10	2 mg/m ³ OSHA (PEL) TWA 2 mg/m ³ ACGIH (TLV) TWA

3. Hazards Identification

Health: 2 Flammability: 0 Reactivity: 1

4. First aid measures

Skin contact: Flush area with water. When irritation persists get medical attention.
Eyes contact: Flush eyes with large amount of water. Get medical attention.
Inhalation: Since material is nonvolatile, inhalation is not a normal route.

Ingestion: Not normal route of entry. Give water or milk, follow by vinegar, cider or fruit Juice. Do not induce vomiting. Get medical attention.

5. Fire fighting measures

Suitable extinguishing media: Water, dry chemicals
Unsuitable extinguishing media:
Special hazards in fire: None known
Required special protective equipment for fire-fighters: Wear Protective clothing and self contained breathing apparatus in confined areas.

6. Accidental release measures

Personal precautions: Wear safety goggles and gloves
Environmental precautions: None known
Methods for cleaning: Absorb and neutralize with acid. Flush area with water if locally permitted. After neutralization, may be flushed to drain with excess water. Dispose of in accordance with federal, state and local regulations.



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7. Handling and storage

Handling: Keep container closed. Avoid contact with skin. Wear protective clothing.

Storage: Keep container closed away from open flame, heat and sparks.

8. Exposure Controls

Engineering measures: None known

Control Parameters:

Personal protection equipment:

Eye protection: Safety glasses or safety shield. Eye wash station.

Hand protection: Neoprene gloves

Hygiene measures:

9. Physical and chemical properties

Appearance: Dark brown liquid

Odor: Slight odor

pH: 12.0 – 12.5

Boiling point: 212 F

Melting point: NA

Flashpoint: None

Explosive properties:

Vapor pressure: ND

Relative density: 1.110

Solubility: Soluble

10. Stability and reactivity

Conditions to avoid: None known

Materials to avoid: Some metals as brass, Copper, Aluminum

Hazardous decomposition products:

None known

11. Toxicological information

Acute toxicity:

Local effects



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Excessive exposure may affect human health as follows:

- | | |
|---------------|---|
| Skin contact: | Cause irritation, or dermatitis. |
| Eye contact: | Direct contact may cause burn and irritation. |
| Inhalation: | Mists may cause irritation to mucous linings. |
| Ingestion: | Some as inhalation, including gastric disturbances. |

12. Ecological information

None known

13. Disposal Considerations

Absorb and neutralize with acid. Flush area with water. After neutralization may be flush to drain, if Locally permitted. Dispose accordance with federal, state, and local regulations.

14. Transport information

Classification data:

DOT: Corrosive liquid, Basic, Inorganic, Nos (contains Sodium hydroxide), Cls. 8, UN 13266 PGII

UN: Corrosive liquid, Basic, Inorganic, Nos (contains Sodium hydroxide) Cls, 8, UN 13266
PG II, IMDG page 8147

15. Regulatory information

Toxics Release Inventory SARA TITLE III, Section 313:

Sodium Hydroxide CAS: 1310-73-10

16. Other Information

Recommendations/restrictions:

Sources of key data used to compile:

NA= Not applicable ND= No data available NE= No establish <=Less than >= Greater than

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