



# 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 <sup>3</sup> OSHA (PEL) TWA 2 mg/m <sup>3</sup> 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.



# Material Safety Data Sheet

F. W. T.

## 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



# Material Safety Data Sheet

F. W. T.

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

We believe that the statements, Technical information and recommendation contained herein are reliable, but Without warrantee or guarantee of any kind, express or implied and we assume no responsibility for any loss, Damage, or expense, direct or consequential arising from their use.

This MSDS should be properly routed to all individuals who use or may come contact with this product, Understand and follow all pertinent employee and Community Right To Known Regulation.