

Material Safety Data Sheet

Date Prepared: 01-01-02

MSDS No GO78001-9

Section I Material Identification And Use

Product/Trade Name: BOILER W. TREATMENT , FWT

NFPA Designation: Health 2 Flammability 0 Reactivity 1
0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Manufacturer's Name: Caled Chemical Emergency Telephone (Chemtrec): 1-800-424-9300
Address: 26 Hanes Drive, Wayne, NJ 07470 Working Hours: (973) 696-7575

Chemical Name: Mixture Chemical Family: Alkaline Boiler Compound

Formula: Mixture Material Use: Boiler Compound

Section II Hazardous Ingredients

Table with 5 columns: Hazardous Ingredients, CAS Number, Approx. Percent, Exposure Limits, Other. Row 1: Sodium Hydroxide, 1310-73-10, 5, 2mg/M3 OSHA (PEL) TWA, 2mg/M3 ACGIH (TLV) TWA

Section III Physical Data

Physical State: Liquid | Odor And Appearance: Slight Odor Dark Brown Liquid

Specific Gravity| Vapor Pressure(Mm)| Vapor Density(Air=1)| Ph
1.110 | Nd | Nd | 12.0-12.5

Evaporation Rate | Boiling Point(F)| % Volatile(Vol) | Water Solubility
(Butyl Ace=1) Less | 212 | 70 | Complete

Section IV Fire And Explosion Hazard Data

Flash Point(F) Method Flammable Limits In Air % By Volume
None (Tag Closed Cup) Upper: Na Lower: Na

Extinguishing Media: Water /Fog

Special Fire Fighting Procedures:
None Known

Unusual Fire And Explosion Hazards
None Known

BOILER W. TREATMENT F.W.T.

Section V Reactivity Data

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Stability| Unstable Conditions To Avoid:
X Stable None Known

Incompatibility (Materials To Avoid)
Acids, Some Metals Such As Brass, Copper, Aluminum

Hazardous Decomposition Products
None Known

Hazardous | May Occur Conditions To Avoid
Polymerization| X Will Not Occur None Known

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Section VI Health And Toxicological Data

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Route Of Entry
Skin Contact: X Skin Absorption: Eye Contact: X
Inhalation Acute: X Inhalation Chronic: Ingestion: X

Effects Of Acute Exposure
Skin And Eyes: Prolonged Contact With Skin Or Eyes Will Cause Chemical Burns.
Inhalation: Misting May Cause Irritation.
Ingestion: Not A Normal Route Of Entry. May Cause Burning Of The Mucus Membranes.

Effects Of Chronic Exposure
None Known

Carcinogenicity, Reproductive, Teratogenicity, Mutagenicity
No Component Is Listed As A Carcinogen By NTP, OSHA, Or IARC. Not Mutagenic. No
Reproductive Or Teratogenic Properties Known Or Expected.

Emergency And First Aid Procedures
Skin And Eyes: Flush With Large Amounts Of Water For At Least 15 Minutes. If Irritation Persists
Seek Medical Attention.
Ingestion: Dilute With Water Or Milk, Followed By Vinegar, Cider Of Fruit Juice. Do Not Induce
Vomiting. Get Medical Attention.
Inhalation: Since Material Is Nonvolatile, Inhalation Is Not A Normal Route. Remove To Fresh
Air If Inhalation Of Mist Occurs.

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Section VII Spill Or Leak Information

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Steps To Be Taken If Material Is Released Or Spilled
Absorb And Neutralize With Acid. Flush Area With Water.

BOILER W, TREATMENT F.W.T.

Waste Disposal Methods

After Neutralization, May Be Flushed To Drain With Excess Water, If Locally Permitted.
Dispose Of In Accordance With Federal, State And Local Regulations.

Section VIII Special Protection Information

Respiratory Protection (Specify)

None In Normal Use. Use Approved Niosh Mask If Misting Occurs.

Ventilation (Mechanical - General, Local, Special)

General Is Sufficient

Gloves (Specify): Rubber Or Plastic

Eye (Specify): Goggles Or Face Shield

Other Protective Equipment

Eye Wash Station, And Protective Clothing As Required To Prevent Contact.

Section IX Special Precautions

Precautions To Be Taken In Handling And Storing

Avoid Contact With Skin Or Eyes. Keep From Excessive Heat.

Special Shipping Information

Dot: Corrosive Liquid,Basic,Inorganic,Nos (Contains Sodium Hydroxide), Cls 8,Un 13266 Pg li.

Un: Corrosive Liquid,Bacis.Inorganic, Nos, (Contains Sodium Hydroxide), Cls.8. Un3266, Pg li, Imdg Page 8147.

Sara Title III, Section 313 Release Reporting And Other Covered Regulations Sodium Hydroxide Solution, Is Reportable Under Sara Title III

Na = Not Applicable Nd = No Data Available Ne = Not Established < = Less Than
> = Greater Than

Each Customer Is Encouraged To Study This MSDS Carefully To Become Aware Of And Understand The Associated Material Hazards. Proper Reference Works Should Be Consulted, As Necessary, To Use And Understand The Contained Data. This MSDS Should Be Properly Routed To All Individuals Who Use Or May Come In Contact With This Product. Understand And Follow All Pertinent Employee And Community Right To Know Regulations.

We Believe That The Statements, Technical Information And Recommendations Contained Herein Are Reliable, But Given 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.