CALED CHEMICAL

Safety Data Sheet
F.W.T. Signal 33 with Amine

SECTION 1: Identification

Product identifier

Product name F.W.T. Signal 33 with Amine
Product number 0780
Brand Caled Chemical

Recommended use of the chemical and restrictions on use
Boiler water treatment.

Supplier’s details

Name Caled Chemical
Address 26 Hanes Dr
Wayne, NJ 07470
USA
Telephone 800-652-2533
Fax 888-652-2533
email Info@caledclean.com

Emergency phone number(s)

Chemtrec 1-800-424-9300

SECTION 2: Hazard identification

Classification of the substance or mixture

GHS classification in accordance with OSHA (29 CFR 1910.1200)
- Eye damage/irritation (chapter 3.3), Cat. 1
- Skin corrosion/irritation (chapter 3.2), Cat. 1

GHS label elements, including precautionary statements

Pictogram

Signal word Danger

Hazard statement(s)

H314 Causes severe skin burns and eye damage
H318 Causes serious eye damage
Precautionary statement(s)
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P363 Wash contaminated clothing before reuse.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P310 Immediately call a POISON CENTER/doctor.
P321 Specific treatment (see section 4!).
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P405 Store locked up.
P501 Dispose of contents/container to an authorized facility.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

1. SODIUM HYDROXIDE/ WATER 50/50 SOLUTION
Concentration 5 - 10 % (Weight)
EC no. 215-185-5
CAS no. 1310-73-2
Index no. 011-002-00-6

- Skin corrosion/irritation (chapter 3.2), Cat. 1A
H314 Causes severe skin burns and eye damage

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact Rinse with plenty of water. Get medical attention if irritation develops and persists.

In case of eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed Give water or milk, follow with vinegar, cider or fruit juice. Do NOT induce vomiting. Get medical attention.

SECTION 5: Fire-fighting measures

Suitable extinguishing media
Water, dry chemicals.

**Specific hazards arising from the chemical**
None known.

**Special protective actions for fire-fighters**
Wear protective clothing and self-contained breathing apparatus in confined areas.

### SECTION 6: Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
Wear safety glasses and gloves.

**Environmental precautions**
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**Methods and materials for containment and cleaning up**
Absorb with sand or similar material. Neutralize with acid. Dispose in accordance with federal, state and local regulations.

**Reference to other sections**
For disposal see section 13.

### SECTION 7: Handling and storage

**Precautions for safe handling**
Wear safety glasses, gloves and clothing.

**Conditions for safe storage, including any incompatibilities**
Keep container closed in an upright position and away from open flames, heat and sparks.

**Specific end use(s)**
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

### SECTION 8: Exposure controls/personal protection

**Control parameters**


**Appropriate engineering controls**
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

**Individual protection measures, such as personal protective equipment (PPE)**

**Pictograms**

- Eye/face protection
  Wear safety glasses.

- Skin protection
  Wear gloves and protective clothing.
Body protection
Protective clothing which is impervious to corrosive liquid.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance/form</td>
<td>Dark brown liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight odor</td>
</tr>
<tr>
<td>Odor threshold</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>12.0-12.5</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>NA</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>212 degrees F.</td>
</tr>
<tr>
<td>Flash point</td>
<td>None</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td></td>
</tr>
<tr>
<td>Upper/lower flammability limits</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>ND</td>
</tr>
<tr>
<td>Vapor density</td>
<td>1.110</td>
</tr>
<tr>
<td>Relative density</td>
<td>Soluble</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td></td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td></td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

Conditions to avoid
None known.

Incompatible materials
Some metals such as brass, copper, aluminum.

Hazardous decomposition products
None known.

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation
May cause irritation or dermatitis.

Serious eye damage/irritation
Direct contact may cause burns or irritation.

Respiratory or skin sensitization
Mists may cause irritation to mucous linings.

Aspiration hazard
May cause irritation to the mucous linings and gastric disturbance.
SECTION 12: Ecological information

Toxicity
Not available.

Persistence and degradability
Not available.

Bioaccumulative potential
Not available.

Mobility in soil
Not available.

Results of PBT and vPvB assessment
Not available.

Other adverse effects
Not available.

SECTION 13: Disposal considerations

Disposal of the product
Contact local authorities for disposal regulations.

Disposal of contaminated packaging
Contact local authorities for disposal regulations.

SECTION 14: Transport information

DOT (US)
UN Number: 3266
Class: 8
Packing Group: II
Proper Shipping Name: Corrosive Liquid, Basic, Inorganic, N.O.S.(Contains Sodium Hydroxide),8 UN3266 PGII
Reportable quantity (RQ):
Marine pollutant:
Poison inhalation hazard:

IMDG
UN Number: 3266
Class: 8
Packing Group: II
EMS Number:
Proper Shipping Name: Corrosive Liquid, Basic, Inorganic, N.O.S(Contains Sodium Hydroxide),8, UN3266, PGII

IATA
UN Number:
Class:
Packing Group:
Proper Shipping Name:
Safety, health and environmental regulations specific for the product in question

Massachusetts Right To Know Components
Chemical name: Sodium hydroxide
CAS number: 1310-73-2

New Jersey Right To Know Components
Common name: SODIUM HYDROXIDE
CAS number: 1310-73-2

Pennsylvania Right To Know Components
Chemical name: Sodium hydroxide
CAS number: 1310-73-2

SARA 313 Components

HMIS Rating

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<td>PERSONAL PROTECTION</td>
</tr>
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</table>

NFPA Rating

SECTION 16: Other information

Further information/disclaimer
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