



Material Safety Data Sheet

Signatur Destainer

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

Preparation Date: 01-04-07

Substance or preparation trade name: Signature Destainer

Unique reference numbers(s): 198001

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 hypochlorite	9 - 11	7681-52-9	2 mg/m ³ (STEL)
Sodium Hydroxide	1 - 4	1310-73-2	2 mg./m ³
Sodium Chloride	5 - 13	7647-14-5	0.5 PPM (TWA) 1PPM (STEL)

3. Hazards Identification

Health: 3

Flammability: 0

Reactivity: 1

4. First aid measures

Skin contact:	Immediately flush skin with plenty of water for 15 min. Remove contaminated clothing. Get medical attention immediately.
Eyes contact: attention	Immediately flush eyes with large amount of water at least 15 min.. Get medical attention immediately.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Get medical attention immediately.
Ingestion:	If swallowed, DO NOT INDUCES VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

5. Fire fighting measures

Suitable extinguishing media: Water, dry chemicals

Unsuitable extinguishing media:

Special hazards in fire: Not considered to be a fire hazard.

Required special protective equipment.

for fire-fighters: If the event of a fire wear protective clothing and self contained Breathing apparatus.



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6. Accidental release measures

Personal precautions: Wear appropriate protective equipment (safety goggles and gloves)
Environmental precautions: Prevent entry to sewer and waterways.
Methods for cleaning: Collect liquid in an appropriate container or absorbent with an inert material (dry sand, earth). Do not flush to sewer!
Dispose of in accordance with federal, state and local regulations.

7. Handling and storage

Handling: Keep container closed. Avoid contact with skin.
Storage: Keep container closed, stored in cool, dry ventilated area. Isolate from incompatible Substances.

8. Exposure Controls

Engineering measures: A system of local or general exhaust is recommended to keep employee exposure below the airborne exposure limits.
Control Parameters:
Personal protection equipment:
Eye protection: Safety glasses or safety shield. Maintain eye wash station with fresh solution. and quick-drench facilities in work area.
Hand protection: Wear protective clothing, boots, gloves, apron to prevent skin contact.
Hygiene measures:

9. Physical and chemical properties

Appearance: Yellow liquid
Odor: Chlorine like
pH: 12.5 – 13.0
Boiling point: 219 F
Melting point: 0F
Flashpoint: none
Explosive properties:
Vapor pressure: 6.6 @ 50 C
Relative density: 1.173
Solubility: Complete soluble in water

10. Stability and reactivity

Conditions to avoid: Light, heat
Materials to avoid: Ammonia and salts, amines, methanol, oxidizers, acids, soaps, bisulfates.
Hazardous decomposition products: Toxic fumes of chlorine when heated to decomposition.
Sodium

Oxide at high temperature



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11. Toxicological information

Acute toxicity:

Local effects

Excessive exposure may affect human health as follows:

conr. Skin contact: May cause severe irritation with blistering and eczema, especially at higher

Eye contact: Direct contact may cause severe irritation and damage at higher concentration..

Inhalation: Excessive vapors, mists may cause irritation to respiratory tract.

Ingestion: May cause erosion of the mucous membranes gastric disturbances (vomiting, circulatory collapse, confusion, coma and death. Effects are less damaging at lower concentrations.

12. Ecological information

None known

13. Disposal Considerations

Small spills could be flush with water if locally permitted. Large spills collect into drum and disposal in accordance with federal, state and local regulations.

14. Transport information

Classification data:

DOT: Corrosive liquid (Hazard class 8, UN 1791, PG III)

UN: Corrosive liquid (Hazard class 8, UN 1791, PG III)

15. Regulatory information

Toxics Release Inventory SARA TITLE III, Section 313: None

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,



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Understand and follow all pertinent employee and Community Right to Known Regulation.