



# Material Safety Data Sheet

Signatur Liquid Alkali

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

Revision date : 4/5/2007

Substance or preparation trade name:           Signature Liquid Alkali  
Unique reference numbers(s):                   008701  
Company/undertaking name & address:       CaledIndstries, 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 #
Potassium Hydroxide	15-80	1310-58-3

## 3. Hazards Identification

Health: 3      Flammability: 1      Reactivity: 1

## 4. First aid measures

Skin contact:       Flush with large amount of water. When irritation persists get medical attention  
Eyes contact:       Will cause burns. Flush eyes with large amount of water. Get medical attention immediately.  
Ingestion:           Not a normal route of entry. Get medical attention immediately

## 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:                       Protective gears

## 6. Accidental release measures

Personal precautions:       Wear safety glosse and gloves  
Environmental precautions:   Protect to entry to waterways. Flush area with water if locally permitted.  
Dispose of in accordance with federal, state and local regulations.



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### 7. Handling and storage

Handling: Keep container closed.

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: Clear yellow liquid

Odor: Mild

pH: 12 - 14

Boiling point: 200 F

Melting point: NA

Flashpoint: >200 F

Explosive properties: NA

Vapor pressure: NA

Relative density: 1.140

Solubility: soluble in water

### 10. Stability and reactivity

Conditions to avoid: None known

Materials to avoid: Strong acids, Some metals as brass, copper, aluminum

Hazardous decomposition products:

None known

### 11. Toxicological information

Acute toxicity:

Local effects

Excessive exposure may affect human health as follows:

Skin contact: Irritation, burn

Eye contact: Irritation

Inhalation/ingestion: Irritation, cough, vomiting



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### 12. Ecological information

None known

### 13. Disposal Considerations

Contact local authorities for disposal regulations.

### 14. Transport information

Classification data :

**DOT:** Corrosive liquid, Basic, Inorganic, NOS (Contain Potassium Hydroxide) Cls.8 UN 1814, PG II

**UN:** Corrosive liquid, Basic, Inorganic, NOS (Contain Potassium Hydroxide ) Cls. 8, UN 1814 PG II  
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### 15. Regulatory information

Toxics Release Inventory SARA TITLE III, Section 313:

Potassium Hydroxide CAS: 1310-58-3

### 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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