

# MATERIAL SAFETY DATA SHEET

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**24 Hour Emergency Number (CHEM-TEL) 800-255-3924**

## 1. PRODUCT IDENTIFICATION

**Sodium Hydroxide, 15%**

*Code Nr. 7886*

## 2. HAZARDOUS INGREDIENTS

NAME	CAS #	TSCA #	%	PEL	TLV
Sodium Hydroxide	1310-73-2		15	2 mg/cubic m	C 2 mg/cubic m

## 3. NON-HAZARDOUS INGREDIENTS EXCEPT WATER (7732-18-5)

NAME	CAS #	%
Water		85

## 4. PHYSICAL DATA

<i>Appearance:</i> Clear Colorless Liquid			
<i>Solubility in Water:</i> Soluble	<i>Odor:</i> None	<i>Boiling Point:</i> Unknown	<i>Melt. Point:</i> N/A
<i>Vapor Pressure:</i> <15 @ 20 deg C	<i>Vapor Density:</i> Unknown	<i>pH:</i> 14	

## 5. FIRE AND EXPLOSION DATA

<i>Flash Point (method used):</i> N/A	<i>Flammable Limit: LEL:</i> N/A	<i>UEL:</i> N/A
<i>Extinguishing Media:</i> Not a fire hazard		
<i>HMIS Hazard: Health - 3    Flammability - 0    Reactivity - 1    Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least</i>		
<i>Special Fire Fighting Procedures:</i> N/A		
<i>Unusual Fire &amp; Explosion Hazard:</i> Can react with metals to produce flammable hydrogen gas.		

## 6. REACTIVITY DATA

<i>Stability:</i>	<i>Conditions to avoid:</i> Heat
<input checked="" type="checkbox"/> <i>Stable</i>	<i>Incompatibility (Materials to avoid):</i> Strong acids, metals
<input type="checkbox"/> <i>Unstable</i>	<i>Hazardous Decomposition Products:</i> N/A

## 7. HEALTH HAZARD DATA

<i>Toxicity:</i> Unknown	
<i>Primary Route of Entry:</i>	<input type="checkbox"/> <i>Inhalation</i> <input checked="" type="checkbox"/> <i>Skin</i> <i>Carcinogenicity:</i> <input checked="" type="checkbox"/> <i>None</i> <input type="checkbox"/> <i>NTP</i> <input checked="" type="checkbox"/> <i>Ingestion</i> <input type="checkbox"/> <i>N/A</i> <input type="checkbox"/> <i>OSHA</i> <input type="checkbox"/> <i>IARC</i>
<i>Other Health Related Comments:</i>	
<i>Target Organs:</i> Corrosive to all body parts,	
<i>Signs and symptoms of exposure:</i> Severe burns, may be fatal if swallowed	
<i>Medical Condition Aggravated by Exposure:</i> N/A	

## 8. EMERGENCY FIRST AID PROCEDURES

<i>Eye Contact:</i> Immediately flush with water for 15 minutes. Get prompt medical attention..
<i>Ingestion:</i> Do not induce vomiting. Rinse out mouth. Drink glass of water. Call a doctor immediately.
<i>Inhalation:</i> Remove to fresh air.
<i>Skin Contact:</i> Immediately flush with water for 15 minutes while removing affected clothing and shoes. Consult physician.

## 9. SPILL AND DISPOSAL PROCEDURES

<i>Spill and Leak:</i> Wear gloves & eye protection to neutralize carefully with 6M-HCl. Flush down drain with excess water.
<i>Disposal:</i> Pour into water. Carefully neutralize with 6M-HCl. Flush down drain with excess water. Dispose according to federal, state and local regulations.

## 10. PRECAUTIONARY MEASURES

<i>In Handling:</i> <input checked="" type="checkbox"/> <i>Gloves</i> <input checked="" type="checkbox"/> <i>Eye Protection</i> <input type="checkbox"/> <i>N/A</i> <input checked="" type="checkbox"/> <i>Other:</i> Lab Coat
<i>Ventilation</i> <input checked="" type="checkbox"/> <i>Normal</i> <input type="checkbox"/> <i>Mechanical</i> <input type="checkbox"/> <i>Respiratory Protection</i>
<i>Work/Hygienic Practices:</i> Avoid all contact with eyes, skin and clothing.

## 11. SPECIAL PRECAUTIONS

Store away from incompatible items (strong acids).

**DATE:** 7/12/02

The above information is believed to be correct but does not claim to be all inclusive and should be used only as a guide.

▲ This is a toxic chemical subject to reporting requirements of section 313 of EPCRA and 40CFR372.