

## Sodium Hydroxide 50% Solution

INGREDIENTS	CAS NO	%	8HR OEL
SODIUM HYDROXIDE	1310-73-2	46-50	-
Phosphate Standard Solution 500 mg/l as PO4	7732-18-5	50-54	-



UN No: 1824  
 Hazchem Code: 2R  
 DG Class: 8  
 Subsidiary Risk: **Not Applicable**  
 Packing Group: II  
 Poisons Schedule: **Not Applicable**



## NFPA Rating:

- ▶ 0: Minimum
- ▶ 1: Low
- ▶ 2: Moderate
- ▶ 3: High
- ▶ 4: Extreme

## HEALTH HAZARD INFORMATION



**Acute Health Effects:** Causes severe burns.  
 Risk of serious damage to eyes.

## PRECAUTIONS FOR USE



**Appropriate engineering controls:** Local Exhaust Ventilation recommended.

**Glasses:** Consider full face-shield.

**Gloves:** 1.BUTYL 2.NEOPRENE 3.NITRILE

**Respirator:** Particulate. (AS/NZS 1716 & 1715, EN 143:2000 & 149:001, ANSI Z88 or national equivalent)

**Storage and Transportation:** Store in cool, dry, protected area.  
 Restrictions on Storage apply. Refer to Full Report.  
 Keep locked up.  
 Keep out of reach of children.  
 Keep away from living quarters.

**Fire/Explosion Hazard:** Toxic smoke/fumes in a fire.

## PROPERTIES



Liquid.  
 Mixes with water.  
 Corrosive.  
 Alkaline. Does not burn.

## EMERGENCY



## FIRST AID

**Swallowed:** Give water (if conscious). URGENT MEDICAL ATTENTION.

**Eye:** Wash with running water (15 mins). Medical attention.

**Skin:** Flood body with water. Remove contaminated clothing. Wash with water.

**Inhaled:** Fresh air. Rest, keep warm. If breath shallow, give oxygen. Medical attention.

**Advice To Doctor:** Treat symptomatically. Supportive care. Irrigate eyes with saline. Supportive care.

**Fire Fighting:** Keep surrounding area cool. Water spray/fog.

**Spills and Disposal:** Absorb with dry agent.  
 Dilute with water.  
 Stop leak if safe to do so.  
 This material and its container must be disposed of in a safe way.  
 To clean the floor and all objects contaminated by this material, use water.

## SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



Explosive Radioactive

x

x

x — Must not be stored together