

## Merck Silicon Standard Solution (1000 mg/L Si)

INGREDIENTS	CAS NO	%	8HR OEL
sodium hydroxide	1310-73-2	10-25	-
silicon tetrachloride	10026-04-7	5-10	-
water	7732-18-5	>60	-



UN No: 1824  
 Hazchem Code: 2R  
 DG Class: 8  
 Subsidiary Risk: **Not Applicable**  
 Packing Group: II  
 Poisons Schedule: **AS6**



## 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



<b>Appropriate engineering controls:</b>	General Exhaust Ventilation adequate.
<b>Glasses:</b>	Safety Glasses. Consider chemical goggles. Consider full face-shield.
<b>Gloves:</b>	1.NAT+NEOPR+NITRILE 2.NITRILE
<b>Respirator:</b>	Type B-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)
<b>Storage and Transportation:</b>	Store in cool, dry, protected area. Restrictions on Storage apply. Refer to Full Report. Dispose of this material and its container at hazardous or special waste collection point. Keep locked up. Keep out of reach of children. Keep away from living quarters.
<b>Fire/Explosion Hazard:</b>	Attacks metals to liberate hydrogen. Dispose of this material and its container at hazardous or special waste collection point.

## PROPERTIES



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

## EMERGENCY



## FIRST AID

<b>Swallowed:</b>	Contact Doctor or Poisons Centre. Give glass of water. Rinse mouth with plenty of water. Do Not Delay.
<b>Eye:</b>	Wash with running water (15 mins). Medical attention.
<b>Skin:</b>	Flood body with water. Remove contaminated clothing. Wash with water
<b>Inhaled:</b>	Fresh air. Rest, keep warm. If breath shallow, give oxygen. Medical attention.
<b>Advice To Doctor:</b>	Supportive care. Irrigate eyes with saline. Supportive care.
<b>Fire Fighting:</b>	Keep surrounding area cool. Water spray/fog.
<b>Spills and Disposal:</b>	Absorb with dry agent. Dilute with water. Stop leak if safe to do so. Dispose of this material and its container at hazardous or special waste collection point. 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