

**Exposure Limits**

**Sodium Hydroxide**  
TWA: 2 (mg/m<sup>3</sup>) from OSHA (PEL)

Consult local authorities for acceptable exposure limits.

### Section 9. Physical and Chemical Properties

<b>Physical State and Appearance</b>	Liquid	<b>Odor</b>	Characteristic.
<b>Molecular Weight</b>	Not applicable.	<b>Taste</b>	
<b>pH</b>	12.5 to 13.5 [Basic.]	<b>Color</b>	Colorless.
<b>Boiling/Condensation Point</b>	214°F initial		
<b>Melting/Freezing Point</b>	Not available.		
<b>Critical Temperature</b>	Not available.		
<b>Instability Temperature</b>	Not available.		
<b>Specific Gravity</b>	1.08 (Water = 1)		
<b>Vapor Pressure</b>	20mm Hg @ 68°F		
<b>Vapor Density</b>	>1 (Air = 1)		
<b>Volatility</b>	80		
<b>VOC</b>	Not available.		
<b>Evaporation Rate</b>	<1 compared to Water		
<b>Dispersion Properties</b>	Dispersed in cold water, hot water, methanol, diethyl ether, n-octanol, acetone.		
<b>Solubility</b>	Easily soluble in cold water, hot water, methanol, diethyl ether, n-octanol, acetone.		
<b>The Product is:</b>	Non-flammable.		
<b>Auto-ignition Temperature</b>	Not Available		
<b>Flash Points</b>	None to Boiling (TCC)		
<b>Flammable Limits</b>	Non Flammable		
<b>Fire Hazards in Presence of Various Substances</b>	Non-flammable.		
<b>Explosion Hazards in Presence of Various Substances</b>	Not applicable		

### Section 10. Stability and Reactivity Data

<b>Stability</b>	The product is stable.
<b>Incompatibility with Various Substances</b>	acids
<b>Hazardous Decomposition Products</b>	not available