




## Technical Data Sheet

<b>Product Name</b>	Caustic soda Liquid																						
<b>Synonyms</b>	Liquid caustic soda Sodium hydroxide Liquid Liquid sodium hydroxide																						
<b>CAS No</b>	1310-73-2																						
<b>Molecular Structure</b>	NaOH																						
<b>Specification</b>	<table><thead><tr><th colspan="2">ITEM</th><th>STANDARD</th></tr></thead><tbody><tr><td colspan="2">Appearance</td><td>Transparent liquid</td></tr><tr><td>Content</td><td>%</td><td>50 min</td></tr><tr><td>NaCl</td><td>%</td><td>0.001 max</td></tr><tr><td>NaClO<sub>3</sub></td><td>%</td><td>0.0002 max</td></tr><tr><td>Fe<sub>2</sub>O<sub>3</sub></td><td>%</td><td>0.0005 max</td></tr><tr><td>Na<sub>2</sub>CO<sub>3</sub></td><td>%</td><td>0.06 max</td></tr></tbody></table>		ITEM		STANDARD	Appearance		Transparent liquid	Content	%	50 min	NaCl	%	0.001 max	NaClO <sub>3</sub>	%	0.0002 max	Fe <sub>2</sub> O <sub>3</sub>	%	0.0005 max	Na <sub>2</sub> CO <sub>3</sub>	%	0.06 max
ITEM		STANDARD																					
Appearance		Transparent liquid																					
Content	%	50 min																					
NaCl	%	0.001 max																					
NaClO <sub>3</sub>	%	0.0002 max																					
Fe <sub>2</sub> O <sub>3</sub>	%	0.0005 max																					
Na <sub>2</sub> CO <sub>3</sub>	%	0.06 max																					
<b>Application</b>	<p>Sodium hydroxide(NaOH), also known as lye and caustic soda, is a causticmetallic base. It is used in many industries, mostly as a strong chemical base in the manufacture of pulp and paper, textiles, drinking water, soaps and detergents and as a drain cleaner.Pure sodium hydroxide is a white solid available in pellets, flakes, granules, and as a 50% saturated solution. It is hygroscopic and readily absorbs water from the air, so it should be stored in an airtight container. It is very soluble in water with liberation of heat. It also dissolves in ethanol and methanol , though it exhibits lower solubility in these solvents than does potassium hydroxide. Molten sodium hydroxide is also a strong base, but the high temperature required limits applications. It is insoluble in ether and other non-polar solvents. A sodium hydroxide solution will leave a yellow stain on fabric and paper.</p>																						
<b>Hazard Class</b>	8 Class Hazard goods																						
<b>Packing</b>	1000L IBC TANKS																						
<b>Quantity / 20'FCL</b>	27MTS																						