



## Specification Sodium Hypochlorite

<b>Chemical Formula</b>	NaClO														
<b>Chemical Name</b>	Sodium Hypochlorite														
<b>Description</b>	Sodium hypochlorite is a clear yellow/green solution. It is the product of a reaction between chlorine and sodium hydroxide, which also produces sodium chloride and water. The chemical has the characteristic smell of chlorine.														
<b>Usage</b>	<ul style="list-style-type: none"><li>• Water treatment as disinfectant</li><li>• Bleaching agent</li><li>• Additive in the manufacture of pulp and paper</li></ul>														
<b>Typical Analysis</b>	<table><tr><td><b>Available Chlorine</b></td><td>Min 12.5% w/v</td></tr><tr><td><b>Free NaOH</b></td><td>0.1-0.8% w/v</td></tr><tr><td><b>Iron</b></td><td>Max 10ppm</td></tr></table>	<b>Available Chlorine</b>	Min 12.5% w/v	<b>Free NaOH</b>	0.1-0.8% w/v	<b>Iron</b>	Max 10ppm								
<b>Available Chlorine</b>	Min 12.5% w/v														
<b>Free NaOH</b>	0.1-0.8% w/v														
<b>Iron</b>	Max 10ppm														
<b>Typical Properties</b>	<table><tr><td><b>State</b></td><td>Liquid</td></tr><tr><td><b>pH</b></td><td>&gt;11.5</td></tr><tr><td><b>Molecular weight</b></td><td>74.45 g/mole</td></tr><tr><td><b>Specific Gravity at 15 °C</b></td><td>1.180 – 1.205</td></tr><tr><td><b>Strength</b></td><td>Determined by titration</td></tr><tr><td><b>Solubility</b></td><td>Soluble in water</td></tr><tr><td><b>Combustibility</b></td><td>Non-combustible under normal condition</td></tr></table>	<b>State</b>	Liquid	<b>pH</b>	>11.5	<b>Molecular weight</b>	74.45 g/mole	<b>Specific Gravity at 15 °C</b>	1.180 – 1.205	<b>Strength</b>	Determined by titration	<b>Solubility</b>	Soluble in water	<b>Combustibility</b>	Non-combustible under normal condition
<b>State</b>	Liquid														
<b>pH</b>	>11.5														
<b>Molecular weight</b>	74.45 g/mole														
<b>Specific Gravity at 15 °C</b>	1.180 – 1.205														
<b>Strength</b>	Determined by titration														
<b>Solubility</b>	Soluble in water														
<b>Combustibility</b>	Non-combustible under normal condition														
<b>Delivery Details</b>	<p><b>Road Tanker</b></p> <ul style="list-style-type: none"><li>• In bulk = 4,000 – 26,000 litres</li></ul> <p><b>Discharge Details</b></p> <ul style="list-style-type: none"><li>• Pump mounted on tanker. Hydraulic and electrical pump discharge.</li></ul>														
<b>Safety Information</b>	Please refer to our current MSDS ( <a href="http://www.coogee.com.au">www.coogee.com.au</a> )														