



# Water Treatment Chemicals



Chemical	Pack Size	Description
<b>Chlorine 65</b>	1, 5, 20 & 40kgs	Granular Calcium Hypochlorite ( $\text{Ca}(\text{ClO})_2$ - 65% available Chlorine) is the most common compound for water disinfection.
<b>Liquid Chlorine</b>	5 & 20 Litres	Sodium Hypochlorite ( $\text{NaClO}$ ) commonly known as Liquid Chlorine is widely used for surface and water disinfection, bleaching and odour removal. It is also used to activate and regenerate DMI 65 (Iron and Manganese removal media)
<b>pH Minus &amp; pH Plus</b>	5 & 20kgs	For pH adjustment, ( $\text{HCL}$ & $\text{Na}_2\text{CO}_3$ ) the product selected being determined by water condition.
<b>Flocculant</b>	5, 20 & 50kgs	Hydrated Aluminium Sulfate ( $\text{AL}_2(\text{SO}_4)_3$ - Alum) for coagulating turbid water and to increase filtration efficiency.
<b>Polyaluminium Chloride (PAC)</b>	25kgs	PAC is widely used in both potable water and wastewater treatment to clear suspended particles and to increase filtration efficiency due to its high coagulation efficiency. It is also used to regenerate Indion RS-F (Fluoride Removal Media).
<b>Sodium Metabisulphite (SMBS)</b>	25kg	SMBS ( $\text{Na}_2\text{S}_2\text{O}_5$ ) is widely used for preservation of Reverse Osmosis and Ultrafiltration membranes. It is also used for dichlorination, the removal of chlorine from the raw water before passing through Reverse Osmosis Membrane.
<b>Caustic Soda (Sodium Hydroxide)</b>	25kg	Caustic Soda ( $\text{NaOH}$ - Sodium Hydroxide) is widely used to increase the pH of cleaning water during CIP (Clean In Place) and as a regenerant for Anion exchange resin, Amberlite IRA402 Cl
<b>Industrial Salt</b>	50kg	Pool Salt ( $\text{NaCl}$ ) for use as the regenerant for softening resin.