



Chemical	Pack Size	Description
Chlorine 65	1, 5, 20 & 45kg	Granular Calcium Hypochlorite ($\text{Ca}(\text{ClO})_2$ - 65% available Chlorine) is the most common compound for water disinfection. It is effective against bacteria, viruses, yeast, fungi, mycobacteria and spores. Other sizes available on order.
Chlorine Tablets	45kgs & pk/10	Calcium Hypochlorite ($\text{Ca}(\text{ClO})_2$) Tablets with min 65% available chlorine as 200G Tablets in 45kgs drum. Sodium dichloroisocyanurate (SDIC, NaDCC) 67mg tablets available with other sizes available on order.
H₂O Guard Bleach Hypoconc	1 Litre 5 Litres 20 Litres	Sodium Hypochlorite (NaClO) or Liquid Chlorine is used for surface and water disinfection, bleaching, laundry and odour removal. It is also used to activate and regenerate DMI 65 (Iron and Manganese removal media). H ₂ O Guard is 1.5% concentration, Bleach is 3-5% concentration, Hypoconc is 10-12% concentration.
pH Minus	5 & 20kg	pH Minus (Hydrochloric Acid, HCl) is used in utilities, water and wastewater treatment for pH adjustment, scale removal, and neutralization of alkaline water.
Citric Acid	25kg	A weak organic acid ($\text{C}_6\text{H}_8\text{O}_7$) widely used as a descaling product in steam generators/boilers and evaporators. It is also used as a low pH adjuster in water treatment; a flavoring agent and preservative in the food and beverage industry; antioxidant in pharmaceutical and cosmetic industries and also in detergent manufacturing.
pH Plus	5 & 20kg	pH Plus (Sodium Carbonate, Na_2CO_3) is used in water treatment for pH adjustment, alkalinity control, and neutralization of acidic water to improve quality and protect equipment.
Caustic Soda (Pearls/Liquid)	20 Litres & 25kg	Caustic Soda (NaOH - Sodium Hydroxide) is a versatile chemical used to raise water pH and alkalinity in various applications, including water treatment, wastewater treatment plants, and utility systems. Also, for pH adjustment during CIP (Clean-in-Place) cleaning processes and a regenerant for anion exchange resins, Amberlite IRA402 Cl."
Hydrated Lime	25kg	Hydrated Lime (Calcium Hydroxide, $\text{Ca}(\text{OH})_2$) is used in water and wastewater treatment for pH adjustment, alkalinity control, and lime softening to reduce hardness.
Flocculant (Alum)	5, 20 & 50kg	Hydrated Aluminum Sulfate ($\text{Al}_2(\text{SO}_4)_3$ - Alum) is a widely used coagulant in water and wastewater treatment for turbidity removal, color reduction and to increase filtration efficiency.
Polyaluminium Chloride (PAC) (Powder/Liquid)	25kg	PAC is widely used coagulant 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).
Ferric Chloride	25 & 300kg	Ferric chloride (FeCl_3) is widely used coagulant in water and wastewater treatment because of its strong coagulating, and precipitating properties leading to clean water less turbidity, odor, phosphates and metals.
Polyacrylamide (PAM)	25kg	Polyacrylamide (PAM) is a high-performance flocculant used in water and wastewater treatment to enhance solid-liquid separation. It improves sedimentation and filtration efficiency, reduces sludge volume, aids in dewatering, and supports efficient removal of suspended solids, turbidity, and organic matter.

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Industrial Salt	50kg	Pool Salt (NaCl) for use as the regenerant for softening resin.
Sodium Metabisulphite (SMBS)	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.
Spectraguard	5,20kg	A broad-spectrum liquid antiscalant for use in Reverse Osmosis and Nano-Filtration systems. It is a phosphate free formulation that is effective at preventing scale and membrane protection. Dayliff Genesys antiscalant should be dosed continuously to the feed water upstream of the cartridge filters. Typical dosage rates are 2-5mg/l.
Battery Water, De-ionized Water	1 Litre, 5 & 20 Litres	De-ionised water is pure water that has all ions removed, with Conductivity $<10\mu\text{S}/\text{cm}$. It has various applications including diluting laboratory samples, manufacturing applications and top up for lead acid batteries.
Descalant	5,20kg	Inhibited Hydrochloric acid used to remove limescale from metal surfaces in contact with hot water, such as in boilers, water heaters, heat exchangers and kettles. The inhibitor buffers the corrosive effect of the acid on various metals. The speed of the descaling action depends on the concentration and acidity, or pH of the solution prepared.