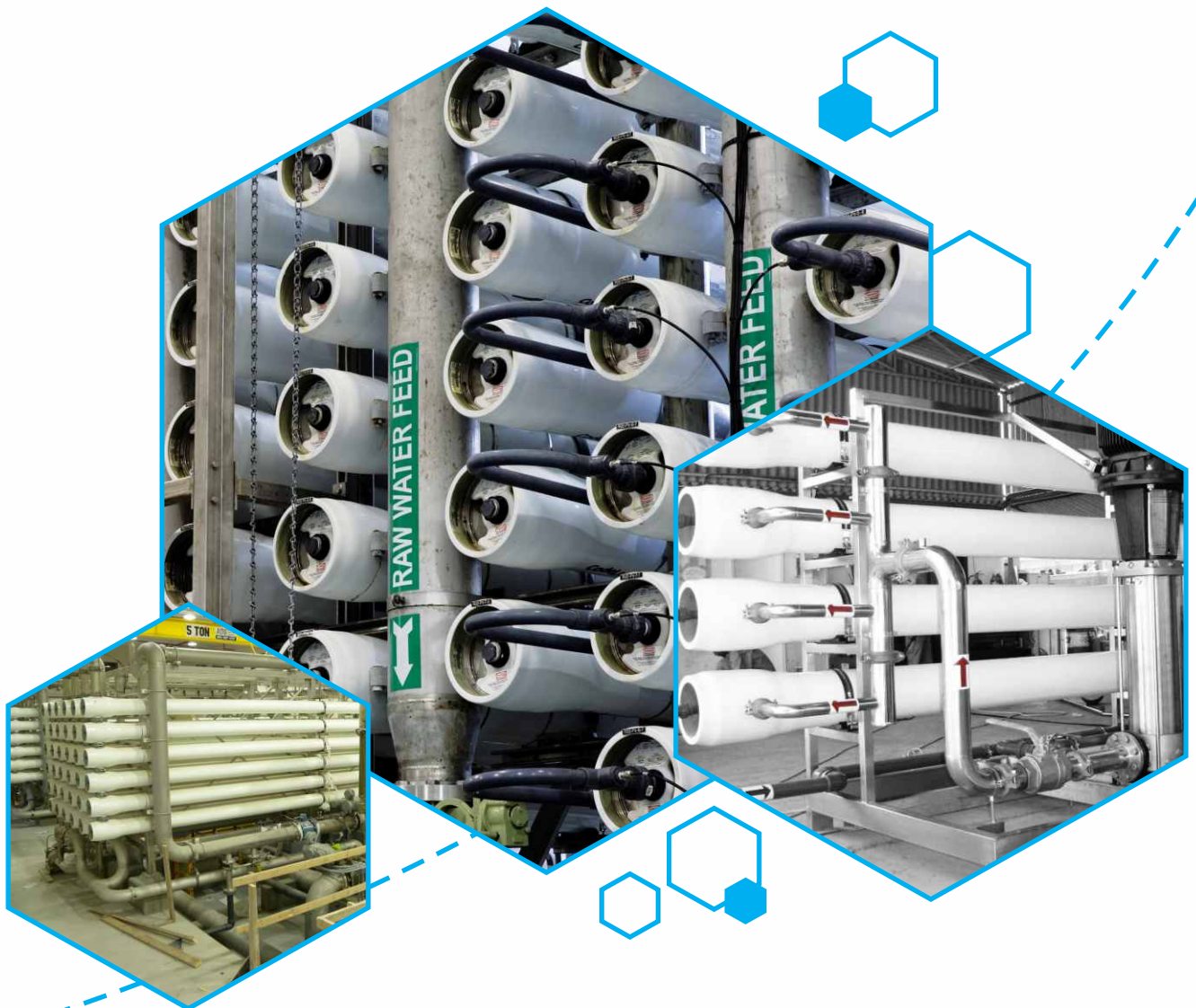


REVERSE OSMOSIS MEMBRANE CHEMICALS



Reverse Osmosis Membrane Treatment Chemicals



Chemtex Speciality Ltd is an innovative Reverse Osmosis specialist. Our technologically advanced reverse osmosis chemicals have been developed to ensure that RO membranes; reverse osmosis and desalination plant installations operate at peak performance.

Our advanced products help to enhance operational efficiency, optimize membrane life-expectancy and reduce total costs. The products are formulated with latest technology and are certified for non-toxicity for drinking water treatment.



RO Antiscalants



ALKRO range of RO Antiscalants are certified by National Toxicology Centre – NTC which is a FDA Approved laboratory for testing of product toxicity, and has been awarded non-toxic for humans if present in potable water. Chemtex offers wide variants of membrane antiscalants which are designed to cater specific client needs.

Product	Description	pH (+/- 0.5)	Specific Gravity (+/- 0.025)	Effective upto LSI (based on Chelation Value)	Dosage in ppm
ALKRO PC191 	Super threshold RO Antiscalant	10.5	1.35	+2.6 (SiO2 217)	1-3
ALKRO AS90	High pH RO Antiscalant	10.5	1.26	+2.4	2-6
ALKRO AS60	High pH RO Antiscalant (Low solid content)	10.0	1.15	+2.2	5-10
ALKRO AS80 	Low pH RO Antiscalant	3.0	1.15	+2.7 (SiO2 175)	5-10
ALKRO AS40	Low pH RO Antiscalant (Low solid content)	3.0	1.10	+2.2	5-10
ALKRO HS40	Low pH RO Antiscalant for high silica water	2.0	1.13	+2.5 (SiO2 325)	1-3
ALKRO PC510	High pH RO Antiscalant for high silica water	9.5	1.23	+2.4 (SiO2 285)	1-3
ALKRO AS80-N	Neutral pH RO Antiscalant (High solid content)	7.0	1.18	+2.7 (SiO2 175)	5-10
ALKRO AS40-N	Neutral pH RO Antiscalant (Low solid content)	7.0	1.13	+2.2	5-10
ALKRO HS40-N	Neutral pH RO Antiscalant for high silica water	7.0	1.18	+2.5 (SiO2 325)	1-3
ALKRO AS90-P	Neutral pH powder RO Antiscalant	8.0	-	+1.9 (SiO2 125)	1-5
ALKRO BALL	Antiscalant Balls	-	-	-	-

RO Membrane Cleaning Chemicals

Product	Description	Major Function
ALKRO CL21	Low pH Membrane Cleaner (Liquid)	Removes carbonates and sulfates of calcium, barium, strontium and magnesium. Non foaming
ALKRO CL27	High pH Membrane Cleaner (Liquid)	Removes organic foulants and biological slimes and biofilms. Effectively clean oil, clay, silt and silica
ALKRO CL42	Low pH Membrane Cleaner (Powder)	Effectively removes Iron and iron oxide deposits, removes carbonates and sulfates salts
ALKRO CL54	High pH Membrane Cleaner (Powder)	Effectively removes silica and silicates deposits, organic deposits, oil, clay and silt
ALKRO PSR	RO Membrane Preservative	Membrane preservative chemical for protecting membrane from bio-fouling and oxidation
CITRIC ACID	General Purpose Cleaning Chemical	for general purpose membrane cleaning

RO Membrane Disinfectants

Product	Description	Major Function
ALSTASAN ACTIV 	RO Membrane Disinfectant (Oxidizing, Chlorine free)	Removes biofilms, biofoulants and debris, fungus, virus and bacteria. Can be used for continuous process
ALKRO BC51	RO Membrane Disinfectant (Non-oxidizing)	Removes biological fouling and remains. Suitable for hollow fibre membrane
ALSTASAN SILVOX 	RO Water Biocide and Membrane Disinfectant based on Silver Hydrogen Peroxide	Virucidal, fungicidal, bactericidal formulation. Effective in low dosage. FDA approved for disinfecting potable water. Biodegradable, Non-toxic, Eco-friendly, Odorless. Does not require dechlorination

Other Water Treatment Chemicals

Product	Description	Major Function
ALKRO AB	Alkalinity Builder (Liquid)	Increases alkalinity of potable water. Liquid product. Ease of handling and use
SODIUM BICARBONATE	Alkalinity Builder (Powder)	Increases alkalinity of potable water
SMBS	Sodium Meta Bi-Sulphite	Removes chlorine (Dechlorination Chemical)
ALKRO DC90	Dechlorination Chemical	For effective removal of chlorine
POLYELECTROLYTE	Flocculant and Coagulant	Polyelectrolyte are available in powder and liquid form in Anionic, Cationic and Nonionic Grades
ACTIVATED CARBON	Water decolorizer	Activated carbon available in powder and granular form
BIRM MEDIA	Iron removing media	Birm Media is a very effective iron removing media better than green sand

The name Chemtex simply depicts 'Technology in Chemistry'.

Chemtex, an advanced technology driven company has been in the core sector of **speciality chemicals** for more than 43 years, since **1970**. The brand enjoys a considerable market share in global speciality chemicals industry.

Chemtex chemicals contribute substantially to the priority areas of energy conservation and environment protection and has been certified with **NS-EN ISO 14001:2004 (EMS) certification**.

Chemtex Speciality Limited is a **public limited organization** registered under Company's Act 1956. The quality management system is certified by **ISO 9001:2008** certification and has obtained **CRISIL** verified certification.

The company is backed by about a gross of qualified professionals having a collective experience of over a hundred decades in the industry. Chemtex is certified under the Occupational Health and Safety Management system by **OHSAS 18001:2007 certification**, ensuring the industry's best work environment.

Chemtex is chosen for its integrity and observance for high quality standards with commitment to customer value. The company has served over **18000 clients worldwide** so far and still counting.

The company has been awarded with the **Best Growing Business Award** by WBBA in 2010 and 2012, and by ABID in 2013 for **Best Place to Work**.

Chemtex has wide spread applications and serves to various industries, amongst which the major are Agro, Automobile, Dairy, Food & Beverage, Iron & Steel, Institution, Paper, Pharma, Power and Textile. As such, with the wide range of products offered by the company it may not be wrong to say that there is **something to offer for every industry**.

The main product line of Chemtex is divided in four major verticals, viz., **Water treatment chemicals, Cleaning and Hygiene Chemicals, Heat Transfer Fluids and Performance Chemicals**.



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