

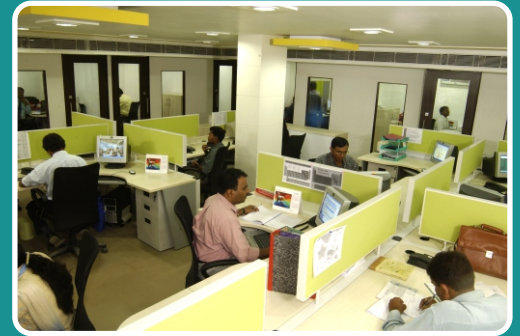
doshion[®]
Translating Source Into Resource



Membrane Performance Chemical



www.doshionpolymers.com



About Doshion Group

Doshion provides water and waste water management solutions to industry and public since 1975. With installation base in more than 59 countries and a strong workforce of qualified professionals, we deliver seamless and integrated solutions for all water management needs.

To suit precise needs of our customers in various segments and applications we operate on concept of strategic business units covering wide range of technologies and applications. The independent business streams are managed and maintained by top industry professionals ensuring the right solution for optimum performance and highest level of customer service.

Our head office is located in Ahmedabad-India to provide engineering support, technical expertise with full fledged marketing and service setup in India and abroad. The manufacturing and assembly centers are located in India.

Growth of business, together with our customer is imbibed in our culture and we are willing to learn and walk with our customers continuously to remain strong and add value to their business in improving their profitability and quality.



About Doshion Polyscience Pvt. Ltd.

The passion for chemistry has propelled us to constantly renovate ourselves and reinvent the chemistry behind Water treatment.

DPSPL was carved out to offer comprehensive solutions to its customers with focused approach and the core competencies of providing performance oriented solutions to its customers world over. The division offer following range of products;

- Water treatment grade of Ion Exchange Resins
- Special application of Ion Exchange Resins
- Pharmaceutical Polymers
- Water and Waste Water Treatment Chemicals
- Membrane Performance Chemicals

Our performance chemicals are enriched through our diverse experience in water treatment, membrane technology, ion exchange process, molecular biology, polymer chemistry and so on.

The sprawling complex of the division with all international class facilities, which include the new age resin manufacturing plant, Membrane performance chemicals manufacturing, evaluation laboratory, pharma polymer manufacturing unit and world class R&D set up are the testimony towards our commitment to provide our customers the advanced solutions in water treatment / chemical treatment.



With increasing industrialization, improved quality of life and rise in pollution, need for high quality purified water is on the rise throughout the world. Doshion has been at the forefront for providing this need across various segments be it Industrial, Residential, Commercial or Municipal.

We at Doshion anticipated and understood this basic need almost 45 years back. Doshion, having executed more than 3000 successful water and wastewater treatment projects used its robust technological acumen to develop a line of chemicals which can effectively improve the performance and life of any such water and wastewater treatment plant. The Doshion brand of chemicals are manufactured in conformance of strict quality norms of engineering industries.

Doshion being known for as an Engineering firm, where we design, install and commission various water and wastewater treatment plants, we undertake maximum checks and controls to ensure that the manufactured chemicals give optimum performance.

The galloping list of national and international clients have encouraged us to increase our capacity in recent years and add new product range so that we become one of the leading providers of comprehensive range of membrane performance across the world.

We strive and commit that Doshion's Membrane performance Chemicals will always be in the forefront and bleeding edge of technology wherever our valued will look for.

QUALITY... CONSISTENCY... & SERVICES...

ANTISCALENTS FOR REVERSE OSMOSIS MEMBRANE PROTECTION							
Sr. no.	Name of Product	Form	Type	PH	Sp.gr	Application	Std Packaging
1	Doscale 65	Liquid	Neutral PH antiscalent	5.5 - 6.5	1.12 - 1.2	General antiscalent, (Up to LSI +2.5 and silica in reject up to 150 ppm)	10, 25 Kgs
2	Aquasoln R 102	Liquid	High PH Antiscalent	10 - 11	1.35 - 1.45	General antiscalent, (Up to LSI +2.5 and silica in reject up to 150 ppm)	10, 25 Kgs
3	Aquasoln R 109	Liquid	Low PH Antiscalent	2 - 3	1.2 - 1.25	for High silica,(for LSI +2.5 and Silica > 150 ppm in reject)	10, 25 Kgs
4	Aquasoln R 104	Liquid	Acidic PH, suitable for feed water silica up to 20 ppm.	1 - 2	1.07 - 1.15	for High silica,(for LSI +2.5 and Silica up to 20 ppm in feed)	10, 25 Kgs
5	Aquasoln R 106	Liquid	Acidic PH, suitable for feed water having organics	1	1.07 - 1.15	for high level of organics in feed water above 10 ppm KMO4 and iron above 0.2ppm.	10, 25 Kgs

CLEANING CHEMICALS FOR REVERSE OSMOSIS MEMBRANES							
Sr. no.	Name of Product	Form	Type	PH	Sp.gr	Application	Std Packaging
1	INOR	Liquid	Acidic cleaner	< 1.5	1.0 - 1.15	for RO membrane	10, 25 Kgs
2	BIOR	Liquid	Basic cleaner	12 - 13	1.0 - 1.15	for RO membrane	10, 25 Kgs
3	COL	Liquid	Basic cleaner	11.5 - 12.5	1.0 - 1.12	for RO membrane	10, 25 Kgs
4	STOR	Liquid	Storage chemical	3 - 5	1.0 - 1.15	for RO membrane	10, 25 Kgs
5	Aquasoln R 500	Powder	Acidic cleaner	2 - 3	1.6 - 1.7	Effective for iron oxides and carbonates scale removal	1, 5, 10, 25 Kgs
6	Aquasoln R 501	Powder	Alkaline cleaner	11 - 12	0.35	Effective for Calcium, Barium, Strontium salts and / or microbial fouling.	1, 5, 10, 25 Kgs
7	Aquasoln R 502	Liquid	Alkaline cleaner	12 - 13	1.05 - 1.15	Effective for inorganic colloids, biofilms and organics	10, 25 Kgs
8	Aquasoln R 503	Liquid	Acidic cleaner	1 - 2	1.03 - 1.1	Effective for iron oxides and carbonates scale removal	10, 25 Kgs
9	Aquasoln R 504	Liquid	Alkaline cleaner	> 12	1.05 - 1.15	Effective for removal of silica based scales	10, 25 Kgs
10	Aquasoln R 505	Liquid	Alkaline cleaner	> 12	1.15 - 1.25	Effective for removal of sulphates scales	10, 25 Kgs
11	Aquasoln R 202	Liquid	Biocide	2 - 3	1.04 - 1.08	Membrane protection from microbial fouling, On line / offline sanitisation	10, 25 Kgs
12	Aquasoln R 601	Liquid	Biocide	3 - 5	1.01 - 1.03	Microbial control, Long term storage.	10, 25 Kgs

PRETREATMENT CHEMICALS FOR FEED WATER TO BOILERS							
Sr. no.	Name of Product	Form	Type	PH	Sp.gr	Application	Std Packaging
1	Doshion 9711 P	Liquid	PH booster	> 11	1.005 - 1.007	Used as a PH booster in pretreatment of boiler feed water.	25 Kgs
2	Doshion 9718 (Z)	Liquid	Oxygen scavenger	> 14	1.0 - 1.05	Corrosion inhibition in boiler feed water	25 Kgs

Segments We Serve



Types of Doshion Membrane Performance Chemical

Doshion is completing more than 45 years in the service of this industry. Today we have a comprehensive range of membrane performance chemicals being used regularly across a wide range of segments in Municipal, Industrial, Residential and Commercial verticals.

Our range of membrane performance chemicals not only help in protecting critical components of any water and wastewater treatment plant, but also help in improving its performance and extending its life. With a wide range of products which include chemicals for pre-treatment, Ultra Filtration, Reverse Osmosis and Electro De-Ionization, we cover the entire gamut of chemical requirements for water and wastewater treatment plants and thus are a true one-stop-shop provider for all such needs.

CLEANING CHEMICALS FOR UF MEMBRANES

Sr. no.	Name of Product	Form	Type	PH	Sp.gr	Application	Std Packaging
1	DCC - UFC - I	Liquid	Acidic cleaner	< 2	1.0 - 1.30	for UF membrane	10, 25 Kgs
2	DCC - UFC - O	Liquid	Oxidising cleaner	10.5 - 11.5	1.0 - 1.10	for UF membrane	10, 25 Kgs
3	DCC - UFC - C	Liquid	Acidic cleaner	< 2	1.0 - 1.15	for UF membrane	10, 25 Kgs
4	DCC - UFC - S	Liquid	Acidic cleaner	< 2	1.0 - 1.15	for UF membrane	10, 25 Kgs

CLEANING CHEMICALS FOR EDI

Sr. no.	Name of Product	Form	Type	PH	Sp.gr	Application	Std Packaging
1	DCC - EDI - IO - 56	Liquid	Acidic cleaner	< 2	1.0 - 1.15	EDI cleaner	10, 25 Kgs
2	DCC - EDI - SNO - 74	Liquid	Acidic cleaner & disinfectant	< 2	1.0 - 1.15	EDI cleaner	10, 25 Kgs

PRETREATMENT CHEMICALS FOR FEED WATER TO REVERSE OSMOSIS PLANT

Sr. no.	Name of Product	Form	Type	PH	Sp.gr	Application	Std Packaging
1	Aquasoln R 201	Liquid	Biocide	3 - 5	1.01 - 1.03	Microbial control, contineous feed	1, 5, 10, 25 Kgs
2	Aquasoln R 202	Liquid	Biocide	2 - 3	1.04 - 1.08	Membrane protection from microbial fouling, On line / offline sanitisation	1, 5, 10, 25 Kgs
3	Aquasoln R 203	Liquid	Biocide	1	1.05 - 1.15	Microbial control, contineous feed	1, 5, 10, 25 Kgs
4	Doshion 1180	Powder	Coagulant	NA	2.9	In water and waste water clarification.	25 Kgs
5	Doshion 6311 LS	Liquid	Chlorination chemical - Low conc	> 13	1.12 - 1.2	Used for control of micro organisms in Reverse Osmosis systems.	25 Kgs
6	Doshion 6311 HS	Liquid	Chlorination chemical - high conc	> 13	1.12 - 1.2	Used for control of micro organisms in Reverse Osmosis systems.	25 Kgs
7	Doshion 51	Powder	Dechlorination chemical	4 - 5	1.4 - 1.5	Effective dechlorination agent in pretreatment of Revrse osmosis systems.	25 Kgs
8	Doshion 52 L DW	Liquid	PH booster	> 10	1.15 - 1.25	Used as a PH booster in pretreatment of Revrse Osmosis systems, especially in drinking water systems.	25 Kgs
9	Doshion 3426	Powder	Anionic Polyelectrolyte	4.5 - 7.0	0.6 - 0.7	Solid - ;iquid separation by sedimentation, thickening & clarification.	25 Kgs
10	Doshion C 8100	Powder	Cationic polyelectrolyte	3 - 8	0.6 - 0.7	Solid - ;iquid separation by sedimentation, thickening & clarification.	25 Kgs

Quality Control



Raw Materials:

QC starts from raw material testing. The incoming raw materials are analyzed as per IS methods before unloading the container. The raw materials are consumed only after approval by QC department. The quality of products are maintained at every stage of manufacturing.

Intermediates:

The intermediates regularly are analyzed to ensure the final product quality.

Final Products:

The final products pass through stringent international standards like moisture content, pH, Specific gravity etc. All the quality control procedures are as per Quality control certified systems.

Research & Development Facility



The ultra modern R & D building encompassing all the sphere of resins testing /development and evaluation is one of its kind in Asia. More than 40 scientists, research chemists, and polymer technologists are working with most accurate and modern equipments to constantly upgrade / innovate products for our customers.

Our Research & Development facility situated at Vatva, Ahmedabad includes:

- testing laboratory
- evaluation/validation lab



Packing

Doshion chemicals are available in various packing sizes, viz

- 25 / 50 litres international standard PE bags with liners
- 200 litres HDPE barrels / drums
- 1000 litres jumbo bags for bulk buyers

For our international customers, we provide sea worthy packing in palletized condition for easy handling. Doshion also offers customized packing as per customers' requirement.



200 Liter Drums



5, 10 and 25 Liter Jars



Doshion Global Footprint

Algeria	New Zealand
Australia	Oman
Bangladesh	Pakistan
Brazil	Phillippines
Canada	Poland
Chile	Portugal
Congo	Russia
Czech Republic	Saudi Arabia
Dom. Republic	South Africa
Egypt	Spain
Indonesia	Sri Lanka
Iran	Sweden
Israel	Syria
Italy	Taiwan
Japan	Tanzania
Jordan	Thailand
Kenya	Tunisia
Latvia	Turkey
Lithuania	U.S.A.
Malaysia	U.A.E.
Namibia	Ukraine
	Vietnam

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