

## Resin Cleaner for Organic Fouling

**Doshion Resiclean 4** is specially formulated cleaning chemical for removing organic fouling and microbial contamination from Ion exchange resins. During the normal working cycles, Ion exchange resins are subjected to various types of inorganic and organic contaminants present in all types of waters. Oils present in water also clogs the surface of ion exchange resins. Fouled resins agglomerates and forms clumps, which increases pressure drop across the bed. Organic compounds and some inorganic materials such as nitrates acts food and increases microbial growth on resins. Microbial contamination of cation resin carry over to anion resin beds and thereby fouling the anion resins. **Doshion Resiclean 4** can be used for:

- For de-fouling of organic & microbial contamination and increasing useful life of the resins.
- For restoring performance of resins in terms of throughput and water quality.
- Reducing resin losses in backwash due to fouled & clumped resins.
- For reducing operating cost by reducing frequent chemical regenerations.

Physical and Chemical Properties	
Physical Form	Liquid
pH	Basic (Alkaline)
Specific Gravity	1.05 – 1.15

**Doshion Resiclean 4** can be used in backwashing of resins at concentration of 200 – 300 ppm and for long time out of service units concentration can be increased up to 300 – 400 ppm, also air scoring can be employed in the bed for better results.



## Full Range of Membrane Performance Chemical

RO Membrane Chemicals	Aquasoln Range for RO	UF Membrane Chemicals
DCC - Bior	Aquasoln R 102	DCC - UFC - I
DCC - Inor	Aquasoln R 104	DCC - UFC - O
DCC - Col	Aquasoln R 106	DCC - UFC - C
DCC - Stor	Aquasoln R 109	DCC - UFC - S
Doshion - 51 (HS)	Aquasoln R 201	
Doshion - 52 (L)	Aquasoln R 202	
Doshion - 53	Aquasoln R 203	
DoScale - 65	Aquasoln R 500	
Doshion - 6311 - LS	Aquasoln R 501	
	Aquasoln R 502	
	Aquasoln R 503	
	Aquasoln R 504	
	Aquasoln R 505	
	Aquasoln R 601	

  

EDI Membrane Chemicals	Speciality Chemicals	Resin Cleaners
EDC - SNO - IO - 56	Doshion - 1180	Resiclean 1
EDC - SNO - IO - 74	Doshion - C 8100	Resiclean 2
	Doshion - 3426	Resiclean 3
	Doshion - 9711 (P)	Resiclean 4
	Doshion - 9718 (Z)	

**doshion**<sup>®</sup>  
Translating Source Into Resource

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