

Anionic Solid – Liquid Separation

Doshion 3426 is a high efficiency anionic polyelectrolyte specially designed for solid- liquid separation processes. Its application includes sedimentation, thickening and clarification suspension clarification of aqueous liquor by sedimentation, filtration, centrifugation; dewatering of pulps and sludge for the recovery of liquor or disposal of solids.

Features:

- Anionic in nature
- Acid leach in zinc, uranium and copper carbonate
- Leach in uranium, Potassium slime, phosphoric acid and gold liquor.
- Filtration of: Base metal sulphides, oxides and hydroxide concentrate.

Physical and Chemical Properties	
Physical Form	Powder
Colour	White granular
pH (1% W/W Solution)	4.5 – 7.0
Density	0.600 – 0.700 g/ cm ³
Dissolving Time	< 60 min
Viscosity, 0.1% solution	250 MPa.S

Advantages:

- Rapid settling
- Marked increase in underflow density. Effective at low dosages
- Easy to prepare solution and apply.
- Completely miscible with water.
- High filtration rate.
- Increased throughputs.
- Improved filtrate clarity.
- Efficient filter cake washing.



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Direction for Use: May be unloaded manually or pumped directly into the dilution tank from the container. Prepare stock solution (1.0- 1.5% w/v) of the polyelectrolyte using filtered water. Prepare feed solution by diluting the stock solution directly or by on-line using filtered water. For small systems chemicals can be dosed by gravity or by dosing equipment. However, for large systems use of dosing system is recommended. Doshion will recommend the dosing equipment best suited for your requirement.

Dosage: Product feed rate will be site and application specific, and may vary as conditions change. Product demand may be determined by a screening test using Jar Test procedures.

Stability and Reactivity	
Stability	Product is stable, no hazardous polymerization occur.
Materials to avoid	Oxidizing agents may cause exothermic reactions.
Hazardous decomposition	No decomposition if stored and applied as direct. Burning of the dried material can produce: hydrogen chloride gas, chloride gas, nitrogen oxides (Nox) & carbon oxides

Handling: Avoid contact with skin, eyes and clothing. When preparing the working solution ensure there is adequate ventilation. Do not breath vapours or spray mist. When using do not smoke.

Storage: Keep in a dry, cool place (Ambient Temperature). Keep away from heat and sources of ignition. freezing will affect the physical condition and may damage the material keep container tightly closed in a cool place.



Full Range of Membrane Performance Chemical

RO Membrane Chemicals	UF Membrane Chemicals	EDI Membrane Chemicals	Speciality Chemicals
DCC – Bior	DCC - UFC - I	EDC - SNO - IO - 56	Doshion – 1180
DCC – Inor	DCC - UFC - O	EDC - SNO - IO - 74	Doshion – C 8100
DCC - Col	DCC - UFC - C		Doshion – 3426
DCC - Stor	DCC - UFC - S		Doshion – 9711 (P)
Doshion - 51 (HS)			Doshion – 9718 (Z)
Doshion - 52 (L)			
Doshion - 53			
DoScale - 65			
Doshion - 6311 - LS			

Full Range of Ion Exchange Resins

Cation Exchange Resin	Anion Exchange Resin	Speciality Resin	DM Resin
CSA 121	GA 11	DCHR 74	DMB 13
CSA 9	GA 12	DCHR 78	
CSA 9 L	GA 13	DIRM 412	
CSA 29	ASB 108	DCR 11	
CSA 609 D	ASB 171	CWS 66 D	
CWA 63	ASB 1080 D UPS	DMB 13 S	
CWA 92 D	ASB 8020 D	CGC 1200	
CSA 309	AWB 7020 D	CMC 1900	
	AWB 7030 D	CMC 2400	
	AWB 7050 D		
	GA 711		

Full Range of Pharmaceutical Polymers

Active Pharma Ingredients	Excipients	Speciality Polymers	Ready Mix & Ready to Use
Doshion P-504 (Sodium Polystyrene Sulphonate USP / EP)	Doshion P-504 (Polystyrex Resin)	Doshion P-520	Doshion P-542 AB (R)
Doshion P-548 BP (Calcium Polystyrene Sulphonate BP)	Doshion P-514	Doshion P-535	Azithromycin Taste Masked (7.5%)
Doshion P-548 JP (Calcium Polystyrene Sulphonate JP)	Doshion P-542		
Doshion P-550 (Cholestyramine Resin USP / EP)	Doshion P-542 AB		
	Doshion P-542 CP		
	Doshion P-542 D		
	Doshion P-544 C		
	Doshion P-544 R		
	Polyflash Doshion P-544 DS		
	Doshion P-544 DS (Cipro)		
	Polyflash Doshion P-544 DB		
	Polyflash Doshion P-544 D		
	Doshion P-550		
	Doshion P-551 (Polyacrilix Resin)		

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Translating Source Into Resource

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