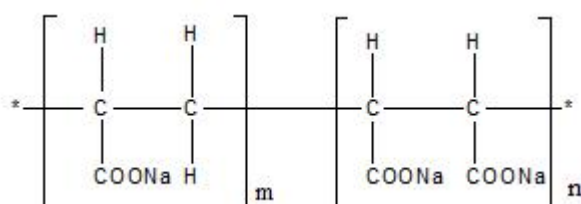


Copolymer of Maleic and Acrylic Acid Sodium Salt (MA/AA•Na)



CAS No.	26677-99-6
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Structural Formula



Product Features

MA/AA.Na dispersant is phosphorus free, non-toxic and pollution-free. It is an environment-friendly chemical agent with excellent chelating and dispersion capabilities, strong ability to remove floating color and prevent staining. It is often used as a dispersant for washing aids, printing and dyeing aids, inorganic sizes and water-based coatings. MA/AA.Na has remarkable dispersion effect when preparing slurry with low viscosity and high solid content.

When MA/AA.Na is used as a detergent auxiliary, it has excellent calcium magnesium chelating capacity and calcium carbonate dispersing power, can increase the decontamination performance of laundry powder, improve the anti-ash deposition performance and anti-fouling redeposition performance of laundry powder, improve the processing technology of laundry powder, and has excellent performance when compounded with inorganic detergent aids such as zeolite and layered silicon; It has good pH buffer capacity, which can reduce the irritation of detergent to skin; It can improve the performance of powder spraying slurry, increase slurry concentration, save energy consumption, increase the smoothness and strength of detergent particles, and reduce the content of fine powder.

MA/AA.Na is used in desizing, scouring, bleaching, dyeing and other processes of textile printing and dyeing, which can reduce the impact of metal ions in water on product quality, protect the decomposition of H₂O₂, and protect fibers. In addition, MA/AA.Na also has good

dispersion effect on printing size, industrial coating, ceramic size, paper coating, calcium carbonate powder, etc. It can be used in textile auxiliaries such as package yarn cleaning, chelating dispersant, bubble free soap detergent, leveling agent, etc.

Technical Specification

Parameter	Standard	
	Liquid	Powder
Appearance	Colorless to yellowish transparent liquid	White powder
Solid content, %	40.0 min	92.0 min
Density (20℃), g/cm ³	1.25 min	-
pH (as it)	8.0-10.0(as it)	8.0-10.0(1% water solution)
Viscosity(25 ℃), mPa • s	1000-2500	-




Applications & Usage

The recommended dosage of MA/AA.Na in the detergent formula is 1.0~2.0%. When it is used as a coating dispersant, the recommended dosage is 0.5~1.0%. When it is used as a chelating dispersant in other industries, the dosage can be determined according to the test.

Package & Storage

MA-AA.Na Solid		MA-AA.Na Liquid			
25kg Bag	Bulk Bag	25L Drum	200L Drum	1000L IBC	ISO Tank
					
Storage for 10 months in shady room and dry place.					

Hazard & Safety Precaution

Hazard Information	Safety Precaution
Not regulated	  
Once contacted with eye and skin, flush with plenty of clean water.	

Alternative Name / Synonyms

- MA-AA.Na;
- Copolymer of Maleic and Acrylic Acid Sodium Salt