

SODIUM ALGINATE



General Information

Chemical Formula	(C ₆ H ₇ O ₆ Na)	C₆H₇O₆Na
Synonym	Sodium salt of Alginic acid	
Origin	China	
H.S. Code	3913.10.10	
CAS No.	9005-38-3	
Molecular Weight	82.03 g mol ⁻¹	

Application

Food Industry	It is used to increase viscosity and acts as an emulsifier agent. It is used as a stabilizer for ice cream, yogurt, cream, and cheese. It is used as a hydration agent for noodles, bread, cool and frozen products.
Pharmaceutical Industry	It is used in preparation of digestion tablets and the preparation of dental impressions.
Biological experiments	It is used for the immobilization of cells to obtain important products like alcohols and organic acids
Other Applications	It is used as an important ingredient in textile screen printing. Sodium alginate is used as a good chelating agent for eliminating radioactive substances from the body such as Iodine-131 and Strontium-90.

Specification

Property	Units	Value
Appearance		Powdered solid
Loss on drying	%	12.6
pH		6.98
Lead	%	< 0.0004
Arsenic	%	< 0.0002

Packaging

- 720 @ 25 kg bag. 18 MT / 20'FCL