

Propylene Glycol Alginate

Seaweed-derived alginate ester for qualified thickening, emulsification and stabilization.

CAS No. 9005-37-2	EC / List No. 618-414-0	Transport Non-dangerous goods
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Product Information

Seaweed-derived alginate ester for qualified thickening, emulsification and stabilization.

Specifications

Parameter	Specification
Appearance	White to cream powder
Viscosity, 1% solution	Application-selected grade
Particle size	Application-selected grade
Esterification	≥82.0 %
Moisture	≤14.0 %
Arsenic	≤2 ppm
Heavy metals	≤3 ppm
pH	3.0–5.0
Water-insoluble matter	≤1.5 %
Total plate count	≤5,000 CFU/g

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Molecular formula	Esterified alginate polymer
Molecular weight	Variable polymer molecular weight

Applications

Acidic dairy and beverage systems: Stabilizer for qualified acidic dairy and beverage formulations.

Sauces and dressings: Thickening and emulsification ingredient for selected permitted sauces and dressings.

Beer-foam and beverage development: PGA grade for technically supervised foam and beverage stabilization.

Packaging / Storage

Item	Information
Packing	25 kg bags
Storage	Store tightly closed in a cool, dry, well-ventilated place. Protect from moisture, excessive heat, direct sunlight and incompatible chemicals.
Shelf life	18 months in intact original packaging stored cool and dry.
Handling	Use local dust extraction and suitable gloves, goggles and protective clothing. Minimize dust generation and accumulation; control ignition sources. Keep spills dry during collection where possible, because wet material can be very slippery.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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