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Supply High Quality Xanthan gum CAS 11138-66-2

Basic Info：

CAS No.:	11138-66-2
Formula:	C8h14cl2n2o2
Appearance:	Powder
Colour:	Light Yellow to White
Origin:	China
Transport package:	25kg/Bag

Usage:

Xanthan gum is a light yellow to white flowable powder with a slight smell. Easily soluble in cold and hot water, the solution is neutral, resistant to freezing and thawing, and insoluble in ethanol. Disperse and emulsify in water to become a stable hydrophilic viscous colloid.
Xanthan gum is a kind of hydrophilic biological polysaccaride which is made from corn starch after processses of fermentation with xanthomonas campestais, extraction, drying and grinding. Benefited by its superior thickening and stabilizing effect,shear resistance and unnique preusdo-plasticity reheological property, xanthan gum is widely used in food, oil：

1. Food
Xanthan gum is added to many foods as stabilizers, emulsifiers, suspending agents, thickeners and processing aids.

2. In the oil industry
In the petroleum industry, due to its strong pseudoplasticity, a low-concentration xanthan gum (0.5%) aqueous solution can maintain the viscosity of the drilling fluid and control its rheological properties, so the viscosity at the high-speed rotating drill bit is extremely small, saving power ; While maintaining a high viscosity in the relatively static drilling site to prevent the well wall from collapsing. And because of its excellent salt resistance and heat resistance, it is widely used in drilling in special environments such as oceans and high-salt zones, and can be used as an oil displacement agent to

reduce dead oil areas and increase oil recovery.

3. Daily chemical industry

In cosmetics and detergents, it can be quickly diffused and absorbed, making the skin feel smoother; in shampoos and hair care products, it has a suspension stabilizing effect and can increase foam; In the mask, because of its good adhesion and high static viscosity, the mask is easier to adhere to the skin and easy to peel off.