

Xanthan Gum, Prehydrated

Specification Sheet

Description: Natural gum derived as an excretion product from bacteriae (*Xanthomas campestris*), composed of pure natural polysaccharides (sugars) constituted of glucose, mannose & glucuronic acid. Purity >98%. Gluten-free.

CAS: 11138-66-2

INCI Name: Xanthan gum

Composition: Xanthan gum

Appearance: White powder, oderless

Benefits:

- Non-gelling thickener (but binds water) and viscosity enhancer
- Provides volume and enhances foam in surfactants systems
- Stabilizes emulsions
- Has lubricant properties
- Can act as suspending agent
- Pre-hydrated for easy mixing

Use: Dissolve in warm water (ideally sprinkle slowly into water under constant high-speed stirring). Add propylene glycol or butylene glycol to the water phase (3parts glycol,1part xanthan gum) for best dispersion. Also adding up to 0.5% sodium chloride (salt) will increase the thickening effect. Typical use level 0.5-2%. For external use only.

Applications: Shampoos, conditioners, lotions, creams, body washes, shower gels.

Solubility: Soluble in cold or warm water

Preservation: Preservative-free

Storage: Store in a closed container at a dry place at room temperature

Country of Origin: USA

Raw material source: Bacterium *Xanthomonas campestris*

Manufacture: Xanthan gum is produced from the bacterium *Xanthomonas campestris* in the presence of a carbohydrate solution. The xanthan polymer is precipitated from the medium by the addition of isopropyl alcohol, and the precipitate is dried and milled to give a powder.

Animal Testing: Not animal tested

GMO: GMO-free (does not contain plant-derived components)

Vegan: Does not contain animal-derived components

HS Code: 1301909100