MAKINGCOSMETICS®

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Xanthan Gum

Specification Sheet

Description: Natural gum derived as an excretion product from bacteria (*Xanthomas campestris*), composed of pure natural polysaccharides (sugars) constituted of glucose, mannose & glucuronic acid. Purity >98%, White powder, odorless. Gluten-free. Soluble in cold or warm water.
CAS: 11138-66-2
INCI Name: Xanthan gum
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 buylene glycol to the water phase (3 parts glycol,1 part 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
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

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