10800 231st Way NE
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makingcosmetics.com

Updated: 09-Oct-2024

Guar Gum, Cationic

Specification Sheet

Description: Cationic guar gum is a modified, naturally derived (from the seeds of the guar plant cyampopis tetragonolobus) quaternary, high-molecular weight sugar polymer (polysaccharide) combining both thickening and conditioning effects.

CAS: 65497-29-2

INCI Name: Guar hydroxypropyltrimonium chloride

Composition: Guar hydroxypropyltrimonium chloride

Appearance: Yellowish powder, faint characteristic odor.

Benefits:

- Effective non-gelling thickener and viscosity enhancer.
- Can boost foam when together with surfactants.
- Has additional conditioning effect due to the quaternary polymer structure as compared to regular guar gum.

Use: Dissolve in water and stir thoroughly. Guar gum has a high pH >9 to thicken the solution that contains the guar gum the pH has to be <7. Add a tiny amount of citric acid or concentrated lemon juice to reach a lower pH and the solution is thickening. Stir well, typical use level is 0.2-2%. For external use only.

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

Solubility: Water-soluble

Preservation: Preservative-free

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

Country of Origin: Italy

Raw material source: Guar beans (Cyamopsis Tetragonolobus)

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Manufacture: Guar hydroxypropyltrimonium chloride is produced by the thermo-mechanical treatment of the seeds of guar beans to obtain galactomannan which is then reacted with the quaternary ammonium salt propyltrimonium chloride.

Animal Testing: Not animal tested.

GMO: GMO-free

Vegan: Does not contain animal-derived components.

HS Code: 1302320020