

iQUAT GUAR CLEAR CP 500

INCI Name (US): Hydroxypropyl Guar hydroxypropyltrimonium chloride

INCI Name (EU): Hydroxypropyl guar hydroxypropyltrimonium chloride

CAS #: 71329-50-5

**General Information/
Characteristics:**

Guar derived personal care derivatives are water-soluble, naturally based polymers used in a wide range of personal care applications. Formulators incorporate cationic guar into shampoos, conditioners, body washes, shaving gels and creams, and liquid soaps because of the numerous beneficial qualities that these polymers provide.

iQuat Guar Clear CP 500 is a cationic derivative of Hydroxypropyl Guar with good substantivity to skin and hair.

iQuat Guar Clear CP 500 benefits moderate conditioning to hair, excellent foam density, and improves wet and dry comb-ability and provides a pleasant soft dry hair feel.

iQuat Guar Clear CP 500 imparts an excellent skin feel and enhances foam sensorial attributes, ideally being suitable for skin cleansing formulation. In bath and shower gels, liquid and syndet or combo bars, it provides protection and a soft feel to the skin.

iQuat Guar Clear CP 500 has a moderate aqueous viscosity and excellent compatibility with anionic and amphoteric systems. It would be suitable for transparent formulation for skin and hair conditioning including shampoo, hair and body shampoo, shower gel, body wash, bar and liquid soaps.

Benefits / Application:

Benefits to consumers:

- Best-in-class conditioning from formulations containing less surfactant(less irritating and eco-friendly).
- Detangling & combing from root to tip.
- Smooth wet hair feel during and after shampooing.
- Fly-away control while maintaining hair volume.
- Suitable for all types of hair, including damaged bleached and colored hair.

Distributed by Cospatech LLC – 3470 NW 82 AVE – SUITE 770 – 33122 FLORIDA – USA – Ph: +1-305-499-9572 Fax:+1-305-499-9577 – info@cospatech.com

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Benefits to formulator:

- Best-in-class conditioning from formulations containing less surfactant (cost effective and more sustainable).
- Allows formulation flexibility and suitable for transparent formulations.
- Efficient with a wide range of anionic and amphoteric, including EO-free surfactants.
- A solution for silicon-free naturally derived ingredients formulations.
- Eco-friendly profile, non-Eco-toxic for aquatic organisms.

Formulations Advices:

Dosage (recommended) : 0.1 ~ 1.0%

Regulatory Status:

No specific regulation

Physico-Chemical Properties:

Aspect	Powder
Color	Light yellowish
Dry loss (3g/ 105°C)	Max. 11.0 %
pH	8.5 – 10.5
Viscosity (S02, 20 rpm)	300 – 1000 cps
Ash	Max. 6.5 %

Shelf Life / Storage Conditions

Shelf Life: Two (2) years from the date of manufacturing.

Storage: Store at room temperature and normal pressure. Keep in a dry place. Keep container closed when not in use. Keep away from heat, sparks and flame. Protect from heat.

Packaging:

20Kg Carton Box / 540Kg (27 Carton Boxes) per pallet
 20Kg Carton Box / 360Kg (18 Carton Boxes) per pallet

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