2 Cranberry Road, Unit A4,
Parsippany, NJ 07054,USA
Tel: 862-210-8344
Fax: 862-210-8336
Sales@applechem.com

Technical Data Sheet of Ggel CCT 200

Product Description

A gel mixture of organo-modified clay in cosmetic oils for rheology control

Legislation

- INCI Caprylic/Capric Triglyceride(and) Stearalkonium Bentonite (and) Propylene Carbonate
- CAS # 73398615/130501-87-0/108327
- EINECS/ELINCS 2774522/436-020-5/2035721

General Product Specification

Item	Specification
Appearance	A stable green/gray paste gel
Viscosity	3 – 10 million cP, Brookfield viscometer, Spindle TG, 1 rpm

Toxicity profile

- All components are commonly acceptable cosmetic ingredients which are not known to be hazardous to the health
- No animal and no-GMO derived ingredients

Features/Benefits

- Very stable gel, no separation overtime
- Predictable, reproducible and stable shear-thinning viscosity control
- Excellent suspension of pigments, actives, additives, etc. in the oil phase

- Stabilize W/O emulsion
- Provide a smooth and lubricating sensory to skin
- Can be easily incorporated into the formulation during manufacturing

Applications

Cosmetic and Toiletry:

- Foundations and other color cosmetics
- Skin care lotions and creams
- Antiperspirants

How to use it?

- Add the Ggel CCT 200, under medium or high shear, to a portion of the organic components with which it is mutually compatible. Mix until homogenous before adding other ingredients. Take into account the potential large difference between the Ggel and the lower viscosity component into which it is mixing, when choose the right mixing equipment. Typical cosmetic equipments such as homogenizer would work.
- When using only low-shear mixing equipment, stir the Ggel alone and then slowly add the most compatible component by portions, always ensuring the mixture remains homogeneous at each stage.
- Normal dosage is 3 – 15% of the oil phase.

Packaging

- Product is available in 18 kg /5 gallon pail and 180 kg / 55 gallon drum

Storage

- Store the product in its original package, sealed tightly, and protect it from exposure to high temperatures

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