Gelaid® CPE-CF

Dimethicone (and) Dimethicone / Vinyl Dimethicone Crosspolymer (and) Hydroxyethyl Acrylate / Sodium Acryloyl Dimethyl Taurate Copolymer

Technical Data Sheet

Gelaid® CPE-CF is a silicone based cold process-emulsifying agent used to formulate multi-phasic products. Gelaid® CPE-CF delivers both water and micronized silicone crosspolymer gels that provide application lubrication. It is frequently used as a delivery system for both water soluble and oil soluble actives such as PVP, menthol, Vitamin E, natural oils and other actives. Gelaid® CPE-CF is also used to create clear silicone-in-water emulsions by using the refractive index matching technique.

Key Benefits

- Cold process/energy saving formulations
- Stable emulsions in the pH range 4.5 - 7.5
- Formulation flexibility
- Provides excellent spreading and lubrication during application
- Leaves the skin feeling lubricous and silky to the touch after application

Typical Applications

- Sun Care: SPF daily wear and after-sun protection
- Skin Care: creams and lotions, foundations, primers, and concealers
- Hair Care: hair treatments, styling products, and leave-in conditioners

Typical Properties

Appearance @ 25°C	Opaque White Paste
Odor	Characteristic
Viscosity @ 25°C, cP	50,000 - 70,000
Refractive Index @ 25°C	1.385 - 1.415

Not intended for use in preparing specification

Storage and Handling:

Before handling, read the Safety Data Sheet and container labels for safe use, physical and health hazard information.

Product is not affected by freezing. Re-warm and mix gently to bring back to the original state. Gelaid® CPE is subject to bacterial contamination if left open to the environment for extended periods. Drums should be stored in tightly sealed drums and due to crepe hardening, should be mixed thoroughly before using.

Useable Shelf Life:

When stored in tightly enclosed containers, Gelaid® CPE-CF has a shelf life of 3 years from manufacturing date.

Samples available upon request at innospecinc.com