

BioPlex[®] Cetylsil[®] Olive CE

Ingredient Information

INCI Name: Cetrimonium Dimethicone PEG-8 Olivate/Succinate

CAS# 521913-20-2

EINECS# Polymer Exempt

Specifications

Color	Clear to pale yellow (6 max)
Appearance	Clear liquid
pH (1% sol'n)	5.0 – 8.0
Solids	36 – 42%
Preservative	Ethylhexylglycerin & Caprylyl Glycol

Recommended use levels 0.50 – 5.00%

Attributes

- Gives excellent shine to hair
- Conditions and moisturizes skin and hair
- Significant reduction in irritation
- Water soluble

Applications

- Hair care
- Skin care
- Color Cosmetics
- Bath products
- Baby products

BioPlex[®] Cetylsil[®] Olive CE is the paraben and phenoxyethanol free version of our original quaternized silicone complex, **BioPlex[®] Cetylsil[®] Olive**, which contains olive oil. Olive oil is a natural ingredient recognized in cosmetic use as a strong skin moisturizer and skin softener rich in vitamins and nutrients and contains mixed triglyceride esters. Olive oil also has antioxidant properties thus protecting the skin from harmful and damaging free radicals. It can be beneficial in slowing down the signs of aging such as fine lines and wrinkles. In addition, Olive oil is known to increase hair elasticity and flexibility. It adds shine and frizz control in damaged hair.

Combining this natural oil with a substantive complex based on Cetrimonium Chloride along with a water soluble silicone results in a unique material which provides great hair care benefits. Manageability and shine are key attributes which can be gained by incorporating **BioPlex[®] Cetylsil[®] Olive CE** into leave-in type formulations such as a conditioner, mousse, hairspray and pomade. It is compatible with surfactant systems and is excellent for 2-in-1 products and conditioning body washes.

In skin care products, **BioPlex[®] Cetylsil[®] Olive CE** can help protect skin's lipids. It contributes to a luxurious soft and moisturizing feel in formulations. **BioPlex[®] Cetylsil[®] Olive CE** can significantly reduce irritation making it a great ingredient for baby product applications.

The cationic nature of **BioPlex[®] Cetylsil[®] Olive CE** provides good adhesion of pigments to the skin resulting in favorable use in color cosmetics.

Storage and Handling

Before handling please read the Safety Data Sheet and container label for safe use, physical and health hazard information. This material should not be exposed to freezing conditions.

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