

## ActiCaps® VitE

### Specification Sheet

**Description:** Functional pearls that release the active ingredient into the emulsion or surfactant base upon rubbing into skin.

**CAS:** 9005-25-8, 9004-34-6, 69-65-8, 57-50-1, 12003-38-2, 18282-10-5, 13463-67-7, 2379-74-0, 7695-91-2

**INCI Name:** Zea Mays (Corn) Starch (and) Microcrystalline Cellulose (and) Mannitol (and) Sucrose (and) Synthetic Fluorphlogopite (and) CI 77861 (Tin Oxide) (and) CI 77891 (Titanium Dioxide) (and) CI 73360 (Red 30 Lake) (and) Tocopherol Acetate

**Composition:** Zea Mays (Corn) Starch (and) Microcrystalline Cellulose (and) Mannitol (and) Sucrose (and) Synthetic Fluorphlogopite (and) CI 77861 (Tin Oxide) (and) CI 77891 (Titanium Dioxide) (and) CI 73360 (Red 30 Lake) (and) Tocopherol Acetate

**Appearance:** Pearl Spheres with a pearlescent shine. Particle size 850-1200 microns)

**Benefits:**

- Small colored beads that release Vitamin E upon rubbing on skin
- Visually attractive effect in light colored skin creams, serums or cleansers
- Completely dissolve upon rubbing on skin, releasing vitamin E

**Use:** Add 1-10% to skin lotions, creams, cleansers and anti-aging formulations. Add at the end of the formulating process, at a low mixing speed. Formulations should have sufficient viscosity to keep the ActiCaps® VitE suspended. Use thickeners such as xanthan gum, cellulose gums or carbomer to keep ActiCaps® VitE suspended. In some cases surfactants, emulsifiers or solubilizers can break the ActiCaps® VitE, so testing will be necessary. For external use only.

**Applications:** Body lotions, face moisturizers, face serums, cleansers, scalp care, shower gels, hair shampoos.

**Solubility:** Not soluble in water but becomes soft in time in water-based systems

**Preservation:** Preservative free

**Storage:** Store light protected away from excess heat. Store at room temperature or cooler.

**Country of Origin:** Korea

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**Raw material source:** Plant and synthetic origin

**Manufacture:** The manufacturing of ActiCaps Vit E is carried out in three main steps. First, the ingredients are dissolved to prepare the core seed. Next, the coating is applied to the core. This is followed by a drying stage at 65°C. Afterwards, the product undergoes sieving before being finalized through the packing process.

**Animal Testing:** Not animal tested.

**GMO:** GMO-free

**Vegan:** Does not contain animal-derived components

**HS Code:** 382499