

Vitamin E (dl-alpha tocopheryl acetate)

Specification Sheet

Description: Water-insoluble vitamin E formed by esterification of acetic acid & tocopherol. Purity >98%. Activity: 1000 IU per 1 g solution (about 1 ml).

CAS: 7695-91-2

INCI Name: Tocopheryl acetate

Composition: Tocopheryl acetate

Appearance: Clear yellow or slightly greenish-yellow liquid, no odor.

Benefits:

- Provides excellent antioxidant activity on the skin but less so in cosmetic products since enzymes need first to cleave off acetate to form active vitamin E
- Has moisturizing, soothing, and calming properties on the skin
- Can improve the appearance of aged skin making it look visibly younger

Use: Add to oil phase or final phase after emulsification. Typical use level 1-10%. For external use only.

Applications: All kinds of skin care products including sun care & makeup products.

Solubility: Soluble in alcohol & oil, water-insoluble

Preservation: Preservative-free

Storage: Keep container tightly sealed. Protect contents from light, humidity, and heat.

Country of Origin: China

Raw material source: Trimethylhydroquinone and isophytol

Manufacture: Dl-alpha tocopheryl acetate is produced synthetically by the condensation of 2,3,5-trimethylhydroquinone with isophytol in an inert solvent (e.g. benzene or hexane) with a catalyst such as zinc chloride. The resulting alpha tocopherol is then treated with acetic anhydride to give tocopheryl acetate.

Animal Testing: Not animal tested



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GMO: GMO-free (does not contain plant-derived components)

Vegan: Does not contain animal-derived components

HS Code: 2936280000