

## Vitamin E Tocopherol Natural

### Specification Sheet

**Description:** Pure undiluted vitamin E, of natural origin. Ideal antioxidant for fats and oils. Activity >900 IU per 1 g solution (about 1 ml). Mixed natural tocopherols include d- $\alpha$ -tocopherol, d- $\beta$ -tocopherol, d- $\gamma$ -tocopherol, d- $\delta$ -tocopherol.

**CAS:** 59-02-9, 16698-35-4, 54-28-4, 119-13-1

**INCI Name:** Tocopherol

**Composition:** D- $\alpha$ -tocopherol, d- $\beta$ -tocopherol, d- $\gamma$ -tocopherol, d- $\delta$ -tocopherol

**Appearance:** Clear viscous amber brown liquid, faint odor

**Benefits:**

- Potent antioxidant activity especially in cosmetic products but is less stable than dl-alpha-tocopheryl acetate
- Ideal to stabilize oils and fats in cosmetic products (prevents rancidity)
- Has excellent antioxidant, moisturizing and soothing properties on the skin
- Often used in anti-aging products as rejuvenating and regenerating agent

**Use:** 0.5-2.5% final concentration for skin effects, 0.1-1.0% for stabilizing oils in products. For external use only.

**Applications:** All kinds of skin care products, sun care products, makeup products, hair after-treatments preparations.

**Solubility:** Soluble in alcohol & oil, water insoluble

**Preservation:** Preservative-free

**Storage:** Store light-protected at a cool and dry place

**Country of Origin:** USA

**Raw material source:** Edible vegetable oils

**Manufacture:** Natural mixed tocopherol oil standardized in a suitable edible grade vegetable oil which is produced by suitable physical and chemical means



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**Animal Testing:** Not animal tested

**GMO:** GMO-free

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

**HS Code:** 2936280000