

## Vitamin E d-Alpha Tocopherol

### FACT SHEET

**Description:** Natural origin, contains low quantities of other vegetable oil constituents due to the raw materials or natural antioxidants. Clear viscous brown liquid, faint odor. Soluble in alcohol & oil, water insoluble. Activity 750 IU per 1 g solution (about 1 ml). CAS# 59-02-9.

**INCI Name:** Alpha tocopherol.

**Properties:** In products: active especially in cosmetic products but less on the skin (less stable than synthetic dl-alpha-tocopheryl acetate), ideal to stabilize oils and fats in products (prevents rancidity). On the skin: antioxidant (protects from damages by reactive oxygen radicals & UV rays), moisturizing & antiaging effect (improves skin surface relief), soothing & antiinflammatory properties, promotes epithelisation & enzyme activity.

**Use:** 0.5-2.5% final concentration for skin effects, 0.1-0.5% for stabilizing oils in products.

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