Vitamin E-Acetate
(DL-alpha-tocopheryl acetate)

Chemical names of active ingredient
DL-α-tocopheryl acetate,
DL-alpha-tocopherol acetate, all-rac-alpha-tocopherol acetic acid ester, racemic 5,7,8-trimethyltocol acetate

CAS-No. 7695-91-2
EINECS-No. 231-710-0

PRD-No. 30041054*
* The product is kosher.

Articles
55434595 4 x 5 kg plastic can
55434171 25 kg plastic bucket

Country of origin
Germany

Units
1 International Unit (IU) = 1 mg vitamin E-acetate

Description
Light-yellow, viscous, virtually odorless oil.

Solubility
Soluble in hydrocarbons, alcohols, fats, and oils; insoluble in water.

Specification
For information see separate document: "Standard Specification" (not for regulatory purposes) available via BASF’s WorldAccount: https://worldaccount.basf.com (registered access).

Unless otherwise stated, the methods of analysis can be found in the Ph. Eur.

Monographs
The product complies with the current "All-rac-α-tocopheryl acetate" Ph. Eur., "Vitamin E" USP, and "All-rac-alpha-tocopheryl acetate" FCC monographs.
A grade complying with the requirements of the JP. Ph. may be supplied upon request.

Regulations
The product meets the regulatory requirements for a vitamin E source in most countries. However, regulations on the product in the respective countries and for its intended use have to be observed.

Stability
In contrast to vitamin E alcohol, vitamin E-acetate is resistant to heat and oxygen. It is not resistant to strong oxidizing agents or to alkalis because it undergoes saponification. Stored in its unopened original packaging at room temperature (max. 25 °C), the product is stable for at least 36 months.
Storage/Handling
The product should be stored tightly sealed in a cool, dry place.

Applications
Dietary supplements:
For use in dietary supplements with a lipophilic base, e.g., ointments, creams, oils, soft gelatin capsules, as well as aqueous preparations, e.g., syrups, drops, tonics, solubilizates, and injectables in conjunction with a solubilizing agent, such as Cremophor EL, Cremophor RH 40, or Solutol HS 15.

Pharmaceutical products:
CEP (No. 2005-40) is available.
Sterilization of the final product is required for parenteral use. Further information can be found in the book "Functions and Applications of BASF Pharmaceutical Excipients."

Food products:
Used for the fortification of fats, e.g., regular and low-fat margarine as well as oils and fat-containing foods, such as cakes, biscuits, and dairy products.

Cosmetics:
For use in cosmetic emulsions such as suncare products, body lotions, face, hand and body creams, hair care products, as well as skin oils and other preparations including decorative cosmetics, e.g., anti-chap lipsticks, mascara, eye shadow, rouge, face powder, and foundation cream.
A solubilizing agent, e.g., Cremophor RH 40 is required in aqueous and aqueous/alcoholic preparations, such as face water and gels.

Note
Vitamin E-Acetate must be handled in accordance with the Safety Data Sheet.