Dry Vitamin E-Acetate 50% DC

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

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<th>CAS-No.</th>
<th>7695-91-2</th>
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<td>EINECS-No.</td>
<td>231-710-0</td>
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**PRD-No.**
30041051

**Article**
50051053 25 kg bag in box

**Country of origin**
Denmark

**Units**
1 International Unit (IU) = 1 mg DL-α-tocopheryl acetate
= 0.67 mg D-α-TE

**Description**
Dry, almost white, virtually odorless, free-flowing powder, consisting of spherical particles.

**Composition**
Ingredients in descending order of weight:
DL-alpha-tocopherol acetate, corn starch, gelatin, sucrose, sodium aluminum silicate.

**Solubility**
Dispersible in warm water (35 – 40 °C), to form a milky emulsion. Insoluble particles may be visible.

**C₃₁H₅₂O₃**
Molar mass 472.8 g/mol

**Specification**
Assay
min. 50% DL-α-tocopheryl acetate
(= 500 former IU of vitamin E = 336 α-TE per gram)
max. 57.5% DL-α-tocopheryl acetate
(= 575 former IU of vitamin E = 386 α-TE per gram)


**Monographs**
The product complies with the current “α-tocopheryl acetate concentrate (powder form)” Ph. Eur. and “Vitamin E preparation” USP monographs.

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

**Bulk density**
Approx. 0.5 g/ml

**Stability**
The stability of Dry Vitamin E-Acetate 50% DC is excellent even in the presence of minerals. Stored in its original packaging at room temperature (max. 25 °C), the product is stable for at least 36 months.
Storage/Handling
The product should be stored in the original packaging in a dry place at room temperature (max. 25 °C).

Applications
Dietary supplements:
The product has been developed for the direct compression of high-dosage chewable tablets and for sugar- or film-coated vitamin E tablets. It is also very suitable for multivitamin/mineral tablets as well as hard gelatin capsules.

Note
Dry Vitamin E-Acetate 50% DC must be handled in accordance with the Safety Data Sheet.

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