

Dry Vitamin A Palmitate 250 FP CWD

Chemical names of active ingredient

Retinyl palmitate, all-trans retinol palmitic acid ester, all-trans-retinyl palmitate

CAS-No. 79-81-2

EINECS-No. 201-228-5

PRD-No.
30750170*

* The product is kosher and halal.

Article

50686289 25 kg bag in box

Country of origin

Denmark

Units

1 International Unit (IU) = 0.550 µg
vitamin A-palmitate

Description

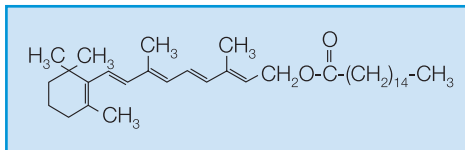
Free-flowing, very fine, light-yellow powder, consisting of spherical particles, possibly containing a few whitish particles.

Composition

Ingredients in descending order of weight: corn starch, maltodextrine, starch sodium octenyl succinate (E 1450), retinyl palmitate (vitamin A-palmitate), sodium ascorbate (E 301), DL-alpha-tocopherol (E 307), tricalcium phosphate (E 341).

Solubility

The product can be dispersed in cold water with temperatures as low as 10 °C, to form a stable milky emulsion.



$C_{36}H_{60}O_2$

Molar mass 524.9 g/mol

Specification

Assay min. 250,000 IU vitamin A
(= 75,000 µg RAE) per gram

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

Monographs

Dry Vitamin A-Palmitate 250 FP CWD meets the requirements of the current 'Vitamin A concentrate (powder form), synthetic' of Ph. Eur. and 'Vitamin A' of USP monographs. Furthermore, the included active ingredient Vitamin A Palmitate complies with the specification requirements stipulated in the current 'Vitamin A' and 'Vitamin A Concentrate (Oily Form), synthetic' of Ph. Eur., 'Vitamin A' of USP and 'Vitamin A' of FCC III monographs.

Regulations

The product meets the regulatory requirements for a vitamin A 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. 0.6 g/ml

Stability

The product is stabilized with DL-alpha-tocopherol (E 307) and sodium ascorbate (E 301). It is sensitive to moisture, atmospheric oxygen, heat, and light. Stored in its original packaging in a cool (8 – 15 °C), dry place, the product is stable for at least 24 months.

Storage/Handling

As vitamin A is sensitive to atmospheric oxygen, light, moisture, and heat, the product should be stored in the original packaging in a cool (8 – 15 °C), dry, and dark place.

It is recommended to use up the remaining contents quickly once the package has been opened.

Applications

Food products:

This fine powder has been developed for the fortification of flour and as well as for use in vitamin mixtures for the food industry.

Regulatory provisions for the use of tricalcium phosphate (E 341) in the different product categories have to be considered. The product is gelatine-free and particularly suitable for vegetarian foods.

Note

Dry Vitamin A Palmitate 250 FP CWD must be handled in accordance with the Safety Data Sheet.

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