

Dry Vitamin A-Palmitate 250 MS CWD

Chemical names of active ingredient

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

CAS-No. 79-81-2

EINECS-No. 201-228-5

PRD-No.

30363198*

* The product is kosher and halal.

Article

50934737 25 kg bag in box

Country of origin

Denmark

Units

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

Description

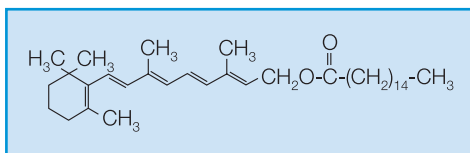
Free-flowing, very fine, light-yellow powder, consisting of spherical particles, possibly containing a few whitish particles.

Composition

Ingredients in descending order of weight: modified starch, dextrin, vitamin A-palmitate, sucrose, medium-chain triglyceride, t-butyl-hydroxytoluene (BHT), sodium aluminum silicate.

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

Monographs

The product complies with the current "Vitamin A concentrate (powder form), synthetic" Ph. Eur. and "Vitamin A" USP monographs.

Regulations

The product meets the regulatory requirements for a vitamin A source in most countries. It is the obligation of the user to check the regulations on the ingredients used in the respective countries and for the intended use. In the EU, the use of this product is limited to food applications for which BHT is directly permitted (e.g., Food Supplements).

Bulk density

Approx. 0.6 g/ml

Stability

The product is stabilized with BHT (E321). 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 sugar. The regulations governing the use of BHT must be observed.

Note

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

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