

Dry Vitamin A Palmitate 250 FP CWD

Microencapsulated vitamin A (retinyl palmitate), beadlets

Chemical name(s) of active ingredient

Vitamin A palmitate, retinyl palmitate, all-trans-retinol palmitic acid ester, all-trans-retinyl palmitate

CAS-No. 79-81-2

EINECS-No. 201-228-5

PRD

30750170

Articles

50686289	25 kg bag in box
50688383	0.05 kg plastic film bags

Units

1 International Unit (IU) = 0.550 µg vitamin A palmitate = 0.300 µg RAE (retinol activity equivalent) = 0.300 µg RE (retinol equivalents)

Description

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

Benefits

Vegetarian/vegan¹, kosher, halal, allergen-free², gluten-free³

Composition

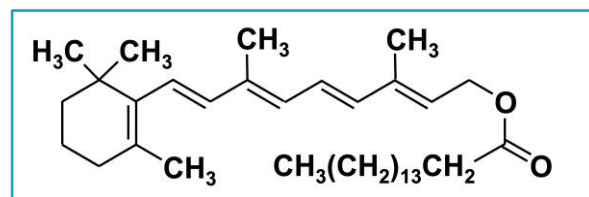
Ingredients in descending order by weight: corn starch, maltodextrin, starch sodium octenyl succinate, retinyl palmitate (vitamin A palmitate), sodium ascorbate, *all-rac*-alpha-tocopherol (DL-alpha-tocopherol), tricalcium phosphate

Solubility

Dispersible in cold water ($\geq 10^{\circ}\text{C}$) to form a stable milky white emulsion

Specification

Assay vitamin A	min. 250,000 IU (= 75,000 µg RAE) per gram
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$\text{C}_{36}\text{H}_{60}\text{O}_2$

524.9 g/mol

For further information see *Product Specification* (not for regulatory purposes) available in BASF's Human Nutrition Virtual Assistants:

<https://nutritionvirtualassistants.basf.com>

Regulations

For quality documentation and compliance please see *Quality & Regulatory Product Information* and *Product Specification*. The product meets the regulatory requirements for a vitamin A source in most countries. Regulatory provisions for the use of tricalcium phosphate in the different product categories have to be considered. It is the obligation of the user to check the regulations on the ingredients used in the respective countries and for the intended use.

Bulk density

Approx. 0.6 g/ml

Stability and storage

Vitamin A is sensitive to light, heat, oxygen and moisture and needs to be stored in a light-proof and airtight container. The product is stabilized with *all-rac*-tocopherol and sodium ascorbate. Stored in its unopened, original packaging at cool temperatures (8 - 15°C), in a dry place, the product is stable for at least 24 months.

Handling

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

Applications

For the fortification of flour and milk.

Dry Vitamin A-Palmitate 250 CP CWD is also for use in hard-shell capsules, tablets, gummies, bars, dry mixes and liquids. The product is gelatin-free and particularly suitable for vegetarian products. For multivitamin preparations and particularly where cold-water dispersibility is required.

Suitability of these applications is presented based solely on technical feasibility. Local prevailing legal or regulatory requirements are not considered and should be observed separately. This product is not intended and recommended by BASF for use in food for infants and young children and has not been qualified by BASF for use in those applications with specific requirements. BASF is not testing or manufacturing the product to meet requirements which are applicable for these applications. BASF disclaims any representations, warranties and guarantees of fitness for such particular uses.

Note

The product must be handled in accordance with the *Safety Data Sheet*.

¹ According to International Standard ISO 23662 on definitions and technical criteria for foods and food ingredients suitable for vegetarians or vegans and for labelling and claims.

² No labeling requirements with regard to allergens according to EU regulation (EC) No 1169/2011 (as amended) and the US Food Allergen Labeling and Consumer Protection Act (FALCPA).

³ No ingredients used containing gluten. However, products are not explicitly tested on gluten.

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