

Vitamin A-Palmitate 1.7 Mio IU/G unstab.

Vitamin A (retinyl palmitate) oil, pure

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

30041032

Articles

50563942	4 x 5 kg plastic can in box
55857164	25 kg plastic bucket
50007547	0.1 kg aluminum drums

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

Viscous to amorphous, yellow oil at room temperature. At the recommended storage temperatures, some of the vitamin A palmitate may crystallize. The product is packed under inert gas.

Benefits

Vegetarian, kosher, halal, allergen-free, gluten-free

Composition

Retinyl palmitate (vitamin A palmitate)

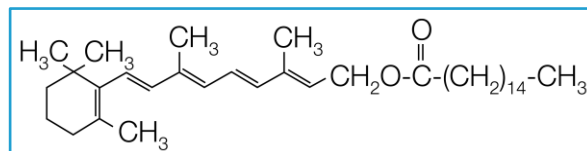
Solubility

Soluble in hydrocarbons, chlorinated hydrocarbons, ethers, fats, and oils. The solvent should not contain peroxides. Insoluble in water.

Specification

Assay vitamin A	min. 1.70 million IU (= 510,000 µg RAE) per gram
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For further information see "Product Specification" (not for regulatory purposes) available in BASF's Human Nutrition Virtual Assistants (<https://nutritionvirtualassistants.basf.com>).



C₃₆H₆₀O₂

524.9 g/mol

Regulations

For quality documentation please see „Quality and Regulatory Product Information“ (QRPI, Quality Documentation). The product meets the specifications of current monographs: "Vitamin A" and "Vitamin A Concentrate (Oily Form), synthetic" of European Pharmacopoeia, "Vitamin A" of USP and "Vitamin A Concentrate Oil" of IP. 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.

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 not stabilized. Stored in its unopened, original packaging at temperatures not above 15 °C, in a dry and dark place, the product is stable for at least 36 months.

Handling

Prior to use or sampling the closed product must be heated in a water bath or heating cabinet at 40 °C (5 kg article: for 4-8 h; 25 kg article: for 12-18 h) and homogenized by inverting repeatedly. Before use make sure the melting procedure yielded a homogenous liquid without visible solids or turbidity. Product may partially crystallize during storage. It is recommended to use up the remaining contents quickly once the package has been opened.

Applications

For the fortification of fatty foods such as margarine, spreads, oils, milk, and dairy products. Quantities of 3 – 9 mg (10,000 – 30,000 IU) of vitamin A, calculated as retinol, are usually added per kg of margarine. For preparations with a lipophilic base, e.g., encapsulated in soft gel capsules.

In case pharmaceutical documentation is needed, please contact your local sales representative. 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.

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