

Vitamin-A-Propionate 2.5 Mio IU/G stabilized with BHT

Vitamin A (retinyl propionate) oil

Chemical name(s) of active ingredient

Vitamin A propionate, retinyl propionate, all-trans-retinol propionic acid ester

CAS-No. 7069-42-3

EINECS-No. 230-363-2

PRD

30636556

Articles

50431749 25 kg plastic bucket

Units

1 International Unit (IU) = 0.359 µg vitamin A propionate = 0.300 µg RAE (retinol activity equivalent) = 0.300 µg RE (retinol equivalents)

Description

Viscous, yellow oil at room temperature, with a mild odor. The product is packed under inert gas.

Benefits

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

Composition

Retinyl propionate (vitamin A propionate), butylated hydroxytoluene (BHT)

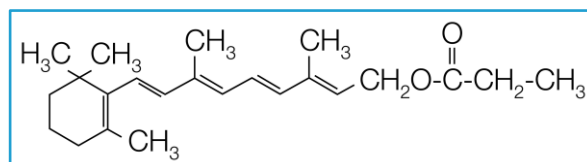
Solubility

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

Specification

Assay vitamin A min. 2.50 million IU
(= 750,000 RE) per gram

For further information see "Product Specification" (not for regulatory purposes) available in BASF's Human Nutrition Virtual Assistants (<https://nutritionvirtualassistants.basf.com>).



C₂₃H₃₄O₂

342.5 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 Concentrate (Oily Form), synthetic' of European Pharmacopoeia, "Vitamin A" of USP. Vitamin A propionate is a conditionally accepted vitamin A source. 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 and oxygen and needs to be stored in a light-proof and airtight container. The product is stabilized with approx. 10 mg butylated hydroxytoluene (BHT) per 1.0 million IU. 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 24 months.

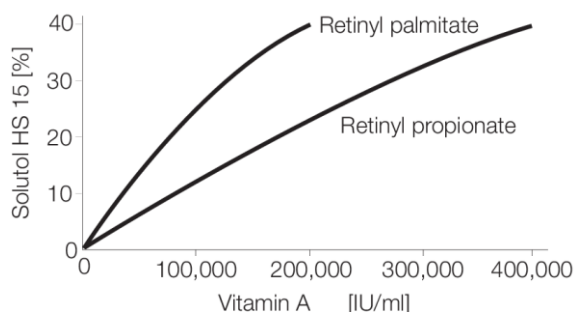
Handling

Prior to use or sampling the closed product must be equilibrated to room temperature (min. 15 °C) and homogenized by inverting repeatedly. 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 oils and fats such as margarine and spreads. For liquid preparations, e.g., syrups, oily solutions, drops and emulsions. Vitamin A propionate does not crystallize at room temperature and is thus recommended as alternative to vitamin A acetate and palmitate.

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 medical nutrition or infant nutrition. 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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