

Vitamin K2 5% MCT Oil

Vitamin K₂ (menaquinone, MK-7) in medium-chain triglycerides

Chemical name(s) of active ingredient

Vitamin K₂, menaquinone-7, (all-E)-2-(3,7,11,15,19,23,27-heptamethyl-2,6,10,14,18,22,26-octacosaeptaenyl)-3-methyl-1,4-naphthalenedione, 2-methyl-3-difarnesyl-1,4-naphthochinon

CAS-No. 2124-57-4

EINECS-No. n.a.

PRD

30728894

Articles

50646966 1 kg aluminum bottle
50648963 2.5 g aluminum drums

Description

Clear, yellow oil.

Benefits

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

Composition

Ingredients in descending order of weight: medium-chain triglycerides, menaquinone (vitamin K₂, MK-7).

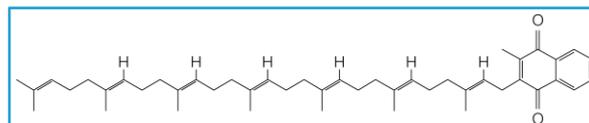
Solubility

Soluble in fats and oils. Insoluble in water.

Specification

Assay min. 5.0% vitamin K₂

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



C₄₆H₆₄O₂

649.02 g/mol

Regulations

For quality documentation please see „Quality and Regulatory Product Information“ (QRPI, Quality Documentation). Vitamin K2 5% MCT Oil complies with the acceptance criteria specified in the current individual USP monograph for 'Menaquinone-7 Preparation'. The included active ingredient vitamin K₂ complies with the acceptance criteria specified in the current individual USP monograph for 'Menaquinone-7'. The product meets the regulatory requirements for a vitamin K 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.

Bulk density

Approx. 0.9 g/ml

Stability and storage

Vitamin K is sensitive to light, heat, oxygen and moisture and needs to be stored in a light-proof and airtight container. Stored in its unopened, original packaging at temperatures not above 25 °C, in a dry place, the product is stable for at least 36 months.

Handling

To re-dissolve the product, heat the bottle (60 to 65°C) in a water bath or heating cabinet. Unscrew the lid to ensure that inside the container the pressure does not increase. Do not spill product and keep it protected against light. During re-dissolving, shake the container regularly. When dissolved, the product is a clear yellowish oil. Rinse the container with MCT oil to remove any remaining material. It is recommended to use up the remaining contents quickly once the package has been opened.

Applications

For preparations with a lipophilic phase, e.g. soft gel capsules. For the fortification of fatty foods such as margarine, oils, milk and dairy products.

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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