

Dry Vitamin K₂ 1.0% GFP

Chemical names of active ingredient

Menaquinone-7, (all-E)-2-(3,7,11,15,19,23,27-Heptamethyl-2,6,10,14,18,22,26-octacosahexaenyl)-3-methyl-1,4-naphthalenedione, 2-methyl-3-difarnesyl-1,4-naphthochinon

CAS-No. 2124-57-4

PRD-No.
30728459*

* The product is kosher and halal.

Article

50656362 3x1 kg bags in box

Country of origin

Denmark

Description

Free-flowing, light-yellow powder, consisting of almost spherical particles or agglomerates.

Composition

Ingredients in descending order of weight: sucrose, gum arabic (acacia gum) (E 414), corn starch, medium-chain-triglycerides, tricalcium phosphate (E 341), menaquinone (vitamin K₂, MK-7).

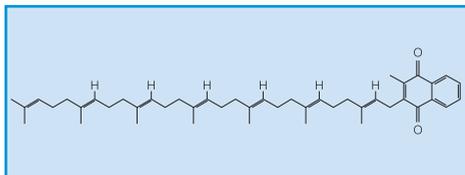
Solubility

The product can be dispersed in cold water at 10 °C, to form a stable milky emulsion.

Specification

Assay min. 1.0% vitamin K₂

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



C₄₆H₆₄O₂

Molar mass 649.02 g/mol

Monographs

The product complies with the current "Menaquinone-7 Preparation" USP monograph.

Regulations

The product meets the regulatory requirements for a vitamin K source in most countries. However, regulations on the ingredients used in the respective countries and for the intended use have to be observed.

Bulk density

Approx. 0.6 g/ml

Stability

Stored in its unopened original packaging at room temperature (max. 25 °C), the product is stable for at least 36 months.

Storage/Handling

The product should be stored in the tightly sealed packaging at room temperature (max. 25 °C), in a dry place. It is essential to protect the product from light.

Applications

Food products:

The product is particularly suitable for the fortification of foods including processed cereal based foods, instant-drink powders, dried milk and vitamin mixtures for the food and ingredient industry. Dry Vitamin K₂ 1.0% GFP can also be used in multivitamin fruit juices and confectionary, e.g. multivitamin sweets.

Regulatory provisions for the use of tricalcium phosphate (E 341) in the different product categories have to be considered. The product is gelatin-free and particularly suitable for vegetarian foods.

Dietary supplements:

For use in solid products containing vitamin K₂ as the sole active ingredient, as well as multivitamin and mineral preparations, such as tablets, sugarcoated tablets, instant-drink granules, effervescent tablets and hard gelatin capsules.

Note

Dry Vitamin K₂ 1.0% GFP must be handled in accordance with the Safety Data Sheet.

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