

Oily Vitamin Blend 02-185

Chemical names

„retinyl palmitate and cholecalciferol“

CAS-No.	Vitamin A	79-81-2
	Vitamin D ₃	67-97-0
EINECS-No.	Vitamin A	201-228-5
	Vitamin D ₃	204-673-2

PRD-No.

30082219*

* The product is kosher.

Articles

50563955 4x5 kg plastic cans in box

Country of origin

Germany

Description

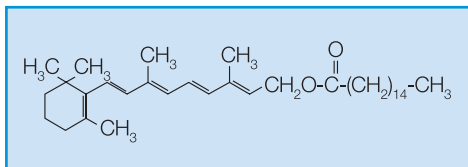
Viscous, yellow oil at room temperature. When stored in a cool place as recommended, some of the vitamin A-palmitate may crystallize.

Composition

Ingredients in descending order of weight: retinyl palmitate (vitamin A-palmitate), sunflower oil, DL- α -tocopherol (E 307), vitamin D₃ (cholecalciferol).

Solubility

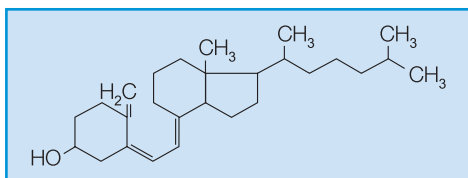
Soluble in hydrocarbons, chlorinated hydrocarbons, ethers, fats, and oils. The solvents should not contain peroxides. Insoluble in water.



retinyl palmitate

C₃₆H₆₀O₂

Molar mass 524.9 g/mol



cholecalciferol

C₂₇H₄₄O

Molar mass 384.7 g/mol

Specification

Assay

Vit. A min. 1,0 Mio IU of vitamin A (= 300,000 μ g RAE) per gram

Vit. D₃ min. 100,000 IU of vitamin D₃ (= 2,500 μ g cholecalciferol) per gram

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

Monographs

The included active ingredient vitamin A complies with the current "Vitamin A concentrate (oily form), synthetic" Ph. Eur., "Vitamin A" USP and FCC III monographs.

The included active ingredient vitamin D₃ complies with the current "Cholecalciferol" Ph. Eur. and "Cholecalciferol" USP monographs.

Regulations

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

Stability

Stored in its unopened original packaging in a cool place (8 – 15 °C), the product is stable for at least 24 months.

Storage/Handling

As the vitamins are sensitive to atmospheric oxygen, light, and heat, the oily vitamin blend should be stored in its unopened original packaging in a cool place (8 – 15 °C). Once opened, it is recommended to flush the packaging with an inert gas and to use the remaining contents as quickly as possible.

Prior to use or sampling, the product needs to be homogenized by means of heating the unopened container to 40 °C with agitation, because it may be partially crystallized.

Applications

For the fortification of fatty foods, such as margarine, spreads, oils, milk, and dairy products.

Note

Oily Vitamin Blend 02-185 must be handled in accordance with the Safety Data Sheet.

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