

Dry Vitamin D₃ 100 GFP SD

Chemical name of active ingredient

Cholecalciferol

CAS-No. 67-97-0

EINECS-No. 200-673-2

PRD-No.
30746817*

* The product is kosher.

Article

50702522 25 kg bag in box

Country of origin

USA

Units

1 International Unit (IU) = 0.025 µg vitamin D₃

Description

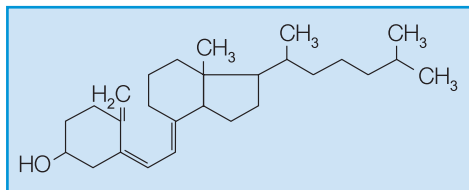
Free-flowing, white to off-white free-flowing powder.

Composition

Ingredients in descending order of weight: glucose syrup, modified starch (E 1450), medium-chain triglycerides, tricalcium phosphate (E 341), vitamin D₃ (cholecalciferol), all-rac-alpha-tocopherol (E 307).

Solubility

The product can be dispersed in cold water with temperatures as low as 10 °C, to form a stable milky emulsion. Virtually no vitamin D can be extracted from the powder with ether.



C₂₇H₄₄O

Molar mass 384.7 g/mol

Specification

Assay	min. 100,000 IU vitamin D ₃ /g (= 2,500 µg cholecalciferol/g)
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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 complies with the current "cholecalciferol" Ph. Eur., "cholecalciferol" USP and FCC monographs.

Regulations

The product meets the regulatory requirements for a vitamin 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

The product is stabilized with all-rac-alpha-tocopherol (E 307). Stored in its unopened original packaging at max. 15 °C, the product is stable for at least 24 months.

Storage/Handling

The product should be stored in the original packaging at max. 15 °C, in a dry place.

Applications

Food products:

The product is particularly suitable for the fortification of foods, milk powder, and vitamin mixtures. Regulatory provisions for the use of tricalcium phosphate in the different product categories have to be considered. This product is gelatin-free and particularly suitable for vegetarian foods.

Dietary supplements:

The product can also be used in multivitamin preparations of various types such as tablets.

Note

Dry Vitamin D₃ 100 GFP SD must be handled in accordance with the Safety Data Sheet.

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