

Vitamin D3 500, feed grade

Product Data Sheet

Appearance: Creamy to yellowish-brown beadlets

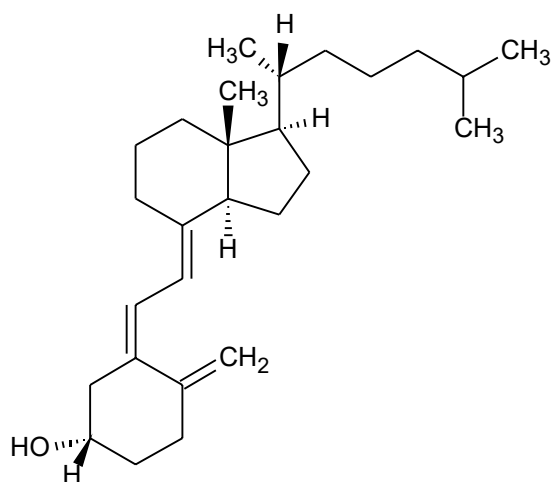
Active ingredient

Chemical name (5Z,7E)-(3S)-9,10-Secocholesta- 5,7,10(19)-trien-3beta-ol

EINECS No. 200-673-2

Synonyms Vitamin D₃, Cholecalciferol

Structural formula



Molecular mass 384.65 g/mol

Molecular formula C₂₇H₄₄O

Specification

Description	Vitamin D ₃ is incorporated in a matrix of gelatin and carbohydrates and stabilized with anti-oxidants BHT.	
Colour	Creamy to yellowish-brown	
Content	Vitamin D ₃ +pre-D ₃	Min 500,000 IU/g (HPLC - method)
Bulk density	In between 600 g/L and 700 g/L	
Loss on drying	Max 5.0%	

Other chemical and physical data

Particle size 100% pass through a 20 mesh sieve; At least 85% pass through a 40 mesh sieve

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Solubility Insoluble in water

Packaging and storage conditions

Packaging Big bag (500 kg net), bag (25 kg net) and others on request.

Storage Store in a dry and cool place, protect from sunlight and heat.

Stability

The product can be kept for 24 months in the unopened, original packaging at room temperature. Once opened, use content soonest (best used up not more than one month). Expiry date: see label resp. certificate of analysis

Uses and EC-regulations

Product to be used for premixes and feedingstuffs for all animal species and categories in accordance with maximum dosages allowed; use in liquid feed (e.g. milk replacer) is not recommended. Product fulfills all requirements of EC Regulation 1831/2003 for feed additives resp. EC Directive 2002/32 regarding undesired substances in feed additives. For handling of product resp. information on safety see ZMC Material Safety Data Sheet

Legal notice

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