



# Microvit® D3 Promix 500

QUALITY STANDARD

REF: 420 V5 (12/02/2018)\_EN

## DESCRIPTION

Microvit® D3 Promix 500 is a source of stabilised vitamin D3. Microvit® D3 Promix 500 is a fine, free-flowing powder obtained by the spray-drying of a mixture of vitamin D3, an antioxidant and a stable coating in an environment with minerals. This product is exclusively used in premixes and compound feeds for animal nutrition (all species or categories of animals).

## COMPOSITION

Corn starch	Vegetal	Min. 38 %
Saccharose		Min. 37 %
Gelatin		Min. 10 %
Sunflower oil		Min. 8 %
Water (moisture)		Min. 3.8 %
3a671.'Cholecalciferol' or 'VITAMIN D3 CAS N° [67-97-0]		Min. 1.2 %
Silicic acid, precipitated and dried (E 551a)	Chemical synthesis	Min. 1 %
BHT (E 321)	Chemical synthesis	Max. 1 %
	<b>Total</b>	<b>100%</b>

## SPECIFICATIONS

<b>Appearance</b>	fine, free-flowing granular
<b>Color</b>	yellow or cream white
<b>Vitamin D<sub>3</sub> content</b>	min. 500 000 IU/g
<b>Chemical formula</b>	C <sub>27</sub> H <sub>44</sub> O

## DURATION OF GUARANTEE AND STORAGE CONDITIONS

24 months from date of the manufacture, keep in original unopened packaging stored well closed in a cool dry place.

## PHYSICAL AND CHEMICAL PROPERTIES

*This data which results from careful tests on representative samples, is provided for information purposes only and does not in any way constitute a guarantee.*

<b>Weight loss on drying (105°C - 4h)</b>	max. 5%
<b>Particle size &gt; 500 µm</b>	max. 5%
<b>Particle size &lt; 100 µm</b>	max. 2%
<b>Non tapped density</b>	approx. 0.68 g/cm <sup>3</sup>
<b>Tapped density</b>	approx. 0.75 g/cm <sup>3</sup>
<b>Angle of repose</b>	30 - 35 °



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## PACKAGING

25 kg cardboard boxes (500 kg pallet).

## USE

Keep away from light.

## LABELING RECOMMENDATIONS:

The additive and premixtures shall be used with personal protective equipment, including breathing protection. Simultaneous use with Vitamin D2 is not allowed.

## METHODS OF ANALYSIS

Analytical method used for routine control of product conformity: internal method D805 (H.P.L.C.).

## SAFETY INFORMATION

Product MSDS (Material Safety Data Sheet) available on [www.quickfds.com](http://www.quickfds.com).

## REGULATION

EU : Vitamins, pro-vitamins and chemically well-defined substances having similar effect. 3a671. 'Cholecalciferol' or 'Vitamin D3': min. 500.000 UI/g (500 000 000 UI/kg). Other ingredient: BHT (E 321): Max. 1%. The additive shall be incorporated into the feed via a premixture.

3a671 - Regulation N° 2017/1492 of 21 August 2017

Maximum content per species or category of animal: see on the back.

This product is compliant with Directive 2002/32/EC of the European Parliament and of the Council on undesirable substances in animal feed.

EU : Regulation N° 2015/327 of 2 March 2015.

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