



Product Information

Product Data Sheet

Hy-D[®] WS

Canada

Description

Hy-D[®] WS is an off-white to tan, free-flowing product. It is a mixture of Rovimix[®] Hy-D[®] 1.25% on citric acid carrier. For vitamin D supplementation in poultry water systems only. Hy-D[®] WS should be used as the sole source of aqueous vitamin D supplementation.

Rovimix[®] Hy-D[®] 1.25% is a fine, free-flowing spray-dried powder of 25-hydroxyvitamin D₃, finely dispersed in a matrix of Modified Starch and Dextrin. The 25-hydroxy vitamin D₃ is stabilized with BHT and Sodium Ascorbate. The product also contains Coconut Oil and Silicon Dioxide.

Product Identification

Product code: NP21257

Chemical names: (3 β ,5Z,7E)-9,10-secocholesta-5,7,10(19)-triene-3,25-diol monohydrate

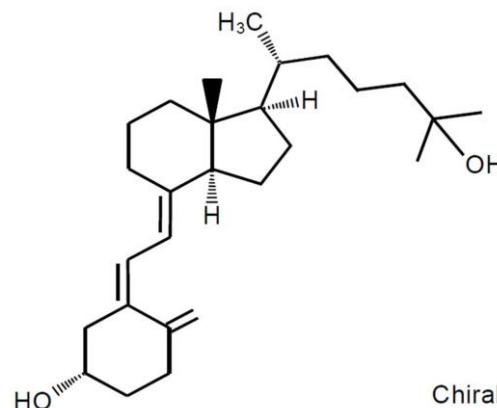
Synonyms: 25-hydroxyvitamin D₃; calcifediol; 25-hydroxycholecalciferol

CAS No.: 63283-36-3

EINECS No.: 242-990-9

Empirical formula: C₂₇H₄₄O₂·H₂O

Molecular mass: 418.7 g/mol



Specifications

Appearance: white to off-white to tan, free-flowing particles

Dispersibility in water: dispersible

25-Hydroxyvitamin D₃ content: min. 375 mg/kg (15,000,000 IU/kg vitamin D₃ equivalent).



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Directions for Use

For layer, broiler and breeder drinking water supplementation: Prepare a concentrate by dispersing 100 g of Hy-D[®] WS in 7.9 L of fresh drinking water. Set the medicator to deliver 30 ml per 4 L of water (1 oz per US gallon). This concentrate will supplement 1011 L of drinking water at 37 µg 25-hydroxyvitamin D₃ per litre (equivalent to 1480 IU per litre).

For turkey drinking water supplementation: Prepare a concentrate by dispersing 300 g of Hy-D[®] WS in 15.8 L of fresh drinking water. Set the medicator to deliver 30 ml per 4 L of water (1 oz per US gallon). This concentrate will supplement 2022 L of drinking water at 55 µg 25-hydroxyvitamin D₃ per litre (equivalent to 2200 IU per litre).

Note to User: Use only as directed. Prepare fresh mixtures daily.

Stability and Storage

Store at room temperature (15-30°C).

Use within 6 months of the date of manufacture.

Uses

For animal nutrition in premixes and complete feeds.

Regulatory Status

Veterinary use only.

CFIA Registration No. 982725

Safety

This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable measures and personal hygiene.

For full safety information and necessary precautions, please refer to the respective DSM Material Safety Data Sheet.



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Legal notice

The information given in this publication is based on our current knowledge and experience, and may be used at your discretion and risk. It does not relieve you from carrying out your own precautions and tests. We do not assume any liability in connection with your product or its use. You must comply with all applicable laws and regulations, and observe all third party rights.

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