

VITAMIN D3 OIL 1,000,000iu/g**1. GENERAL DESCRIPTION**

WD's Vitamin D3 oil 1,000,000iu/g is the compound nutritional enhancement oil which is mainly used in food industry. The product is produced under the advanced microencapsuled production technology. WD's Vitamin D3 oil 1,000,000iu/g is the pale yellow oil without any foreign matter or odor.

2. TYPICAL COMPONENT PROPERTIES

Product Name :	Vitamin D3 oil 1,000,000iu/g
Identification:	The retention time of the principal peak conforms to which in the reference solution.
Assay:	1,000,000iu/g Min.
Heavy Metals:	≤10ppm
Lead(as Pb):	≤2.00ppm
Arsenic(as As) :	≤2.00ppm
Cadmium (as Cd) :	≤1.00mg/kg
Mercury (as Hg) :	≤0.10mg/kg
Acid Value:	≤2.00mg/g
Peroxide Value:	≤7.50mmol/kg

Microbial Test

Total aerobic microbial count:	≤1000cfu/g
Total moulds & yeasts count:	≤100cfu/g
Enterobacterial:	≤10cfu/g
*Salmonella:	n.d./25g
*Escherichia coli:	n.d./10g
*Staphylococcus aureus:	n.d./10g
*Pseudomonas aeruginosa:	n.d./10g

3. COMPOSITION SCALE

VITAMIN D3 OIL 1,000,000iu/g

Ingredients	Percent
Vitamin D3 97-103%	2.5-3%
Vitamin E	1-2%
Edible vegetable oil	95-96%

4. APPLICATIONS

WD's Vitamin D3 oil 1,000,000iu/g is mainly used in as beverage, soybean milk and modulated milk powder as nutritional enhancement. It is classified as food material worldwide including the European Union.

WD's Vitamin D3 oil 1,000,000iu/g is mainly used in one way. It is directly mixed evenly according to the formula(If there is a crystallization, put the aluminum bottle in hot water and heat it to 60 degrees until it is dissolved into clarified liquid).

5. STORAGE AND HANDLING

WD's Vitamin D3 oil 1,000,000iu/g is stable for at least two years when stored at ambient temperature in closed containers and away from sunlight and other sources of UV light. And being stored under 25°C is recommended.

For more details about product handling and safety information, please refer to the WD Material Safety Data Sheet (MSDS).

6. PRODUCT STEWARDSHIP

WD has a fundamental concern for all who make, distribute and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved—from the initial concept and research, to manufacture, use, sale, disposal and recycle of each product.

7. SAFETY CONSIDERATIONS

Material Safety Data Sheets(MSDS) are available to help customers satisfy their own handling, safety and disposal needs and those that may be required by locally applicable health and safety regulations. MSD sheets are updated regularly, therefore, please request and review the most current MSD sheet before handling or using any product. And contacting with WD freshly before handling is more recommended.

8. CUSTOMER NOTICE

WD encourages its customers to review their application of our products from the standpoint of human health and environmental quality. To help ensure that our products are not used in ways for which they were not intended or tested, pls contact with WD for the assistance for ecological and product safety..