

Material Safety Data Sheet

Vitamin D3 Powder 0.1MIU/g CWS



SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name : Vitamin D3 Powder 0.1MIU/g CWS

1.2 Details of the supplier of the safety data sheet

Company : Jiaxing Foconvita Biotechnology Co., Ltd.
Building 1,no.287,jingfa road, wuzhen town, tongxiang city, zhejiang province, China
Telephone : +86-573-88936960
Email: info@microvit.cn
Website: www.microvit.cn
Emergency Phone # : +86-573-88936960

SECTION 2: Composition, Information on Ingredients

CAS Number	Name
67-97-0	Vitamin D3
59-02-9	Mixed tocopherols
134-03-2	Sodium ascorbate
66829-29-6	Starch sodium octenyl succinate
68956-68-3	Vegetable oil
9050-36-6	Maltodextrin
7631-86-9	Silicon dioxide

Chemical characteristics: Vitamin D3 (Cholecalciferol) preparation with an activity of min 100,000 IU/g protected by modified starch and maltodextrin.

Hazardous components: Cholecalciferol 0.225%-0.3%
T+, R26, R24/25, R48/25

Synonyms: Cholecalciferol, Colecalciferol, Vitamin D3

Empirical formula: C₂₇H₄₄O

Molecular mass: 384.65g/mol

Non-hazardous ingredients: 99.7%-99.775%

CAS-No.: Not applicable (Mixture)

EINECS-No.: Not applicable (Mixture)

HS Code: 2936290090

SECTION 3: Hazards identification

Hazardous components Vitamin D3 (Cholecalciferol)

CAS-No.: 67-97-0

EINECS-No.: 200-673-2

Physico-chemical properties: Dust may form explosive mixture in air.

Properties affecting health: Toxic by inhalation.
Harmful: danger of serious damage to health by prolonged exposure if swallowed.

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Environmental properties: No data available.



SECTION 4: First aid measures

Eye contact:	Rinse thoroughly with attention.
Inhalation:	Move to fresh air. Remove from exposure.
Skin contact:	Wash off thoroughly with soap and water.
Ingestion:	Wash out mouth thoroughly with water. In severe cases obtain medical attention.

SECTION 5: Firefighting measures

Special risks: Combustible. Risk of a dust explosion.
Suitable extinguishing media: Water spray, foam, dry powder or carbon dioxide.

SECTION 6: Accidental release measures

Wear appropriate protective clothing. Avoid generation of dusts. Do not allow to enter sewerage system.
Carefully take up dry. Forward for disposal. Clean up affected area.

SECTION 7: Handling and storage

Handling: Wash hands and face thoroughly after working with material. Contaminated clothing should be removed and washed before re-use.
Storage: Store in a cool place (below 25°C).
Keep dry and tightly closed and protected from direct sunlight and moisture.

SECTION 8: Exposure controls/personal protection

As appropriate to the situation and the quantity handled. Engineering methods to control or prevent exposure are preferred. Methods could include process enclosure or mechanical ventilation.

Ventilation:	Extraction hood required when dusts are generated.
Respirator:	Dust respirator required when dusts are generated.
Gloves:	Rubber or plastic
Eye Protection:	Goggles or face-shield
Other Precautions:	Plastic apron, sleeves, boots - if handling large quantities

Do not eat, drink or smoke, when handling the material. Ensure adequate ventilation, especially in confined areas. Remove and wash contaminated clothing before re-use.

SECTION 9: Physical and chemical properties

Identification:	Powder
Color:	white to light yellow
Odor:	Not available
Melting temperature	Not available

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Boiling temperature	Not available
Density(g/ml)	Not available
Solubility in water	Dispersible

SECTION 10: Stability and reactivity

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Air and Light.
Materials to avoid	Strong oxidizing agents, Acid chlorides, Acid anhydrides
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions. - Carbon oxides

SECTION 11: Toxicological information

Acute toxicity	
LD50/oral/rat=	42mg/kg (Cholecalciferol)
Chronic toxicity	
Carcinogenic effects	No data available
Mutagenic effects	No data available
Toxic effects for reproduction	No data available
Specific effects:	Harmful: danger of serious damage to healthy by prolonged exposure if swallowed.

Possible clinical signs:

The most common clinical signs associated with cholecalciferol intoxication depend on the body system that is affected. Clinical signs appear within 12- 36 hours after ingestion and include anorexia, depression, abdominal pain, vomiting, dehydration and muscle weakness.

After inhalation of dust: Irritation symptoms in the respiratory tract.

After eye contact: Irritation.

After the uptake of large quantities: diarrhoea, headache, lack of appetite.

Further hazardous properties cannot be excluded.

The product should be handled with the care usual when dealing with chemicals.

SECTION 12: Ecological information

Quantitative data on the ecological effect of this product are not available.

Effects cannot be excluded in the event of improper handling or disposal.

SECTION 13: Disposal considerations

Chemical residues are generally classified as special waste, and as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advice, or pass to a chemical disposal company. Rinse out empty containers thoroughly before returning for recycling.

SECTION 14: Transport information

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UN-No.:	Not subject to transport regulations.
IMO: Packaging group:	N/A
Air transport(IATA):	N/A
Land transport(ADR/RID):	N/A
Sea transport (IMDG):	N/A

SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC)No 1272/2008

SECTION 16: Other information

This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.

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