

SAFETY DATA SHEET
VITAMIN D3 POWDER 100,000 IU/GM
PRODUCT # 7356 & 7357

1. IDENTIFICATION

1.1. Product identifier

Product form: Substance
Trade name: Vitamin D3 100,000 IU
CAS No.: 67-97-0

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. In Case of Emergency: Chemtrec 1 (800) 424-9300 (24 hours)
NSW Poisons Information Centre: 131 126 (24 hours)

1.4. Distributor identification

Distributor: Bella Corp Trading Pty Ltd
Address: 6/34 Dominions Road, Ashmore QLD 4214, Australia
Telephone: 07 5597 4169
Email: bellacorp@bellacorp.com.au

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (GHS-US)

Not classified

2.2. Label elements

GHS-US labelling

No labelling applicable

2.3. Other hazards

No additional information available.

2.4. Unknown acute toxicity (GHS US) Not applicable

3. COMPOSITION & INFORMATION ON INGREDIENTS

3.1. Mixture

Name: Vitamin D3 100,000 IU USA:
CAS No: 67-97-0

Name	Product identifier	%	Classification (GHS-US)
Vitamin D3 USA	(CAS No) 67-97-0	0.25%	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation: dust, mist), H330 STOT RE 1, H372
Modified Food Starch	(CAS No) 66829-29-6	42.45%	Not classified
Maltodextrin USA	(CAS No) 9050-36-6	49.5%	Not classified
Sucrose	(CAS No) 57-50-1	7.8%	Not classified

3.2. Substance
Not applicable

4. FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact: Wash skin with plenty of water.

First-aid measures after eye contact: Rinse eyes with water as a precaution.

First-aid measures after ingestion: Rinse mouth out with water. Do not induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed: No additional information available

4.3. Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Water spray. Dry powder. Foam.

5.2. Special hazards arising from the substance or mixture

Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

5.3. Advice for firefighters

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Emergency procedures: Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Other information: Dispose of materials or solid residues at an authorised site.

6.4. Reference to other sections

For further information refer to section 13.

7. HANDLING & STORAGE

7.1. Precautions for safe handling

Precautions for safe handling: Ensure good ventilation of the workstation. Wear personal protective equipment.

Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

No additional information available.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1. Control parameters

Vitamin D3 100,000 IU (67-97-0)

ACGIH: Not applicable

OSHA: Not applicable

Vitamin D3 USA (67-97-0)

ACGIH: Not applicable

OSHA: Not applicable

Modified Food Starch (66829-29-6)

ACGIH: Not applicable

OSHA: Not applicable

Maltodextrin USA (9050-36-6)

ACGIH: Not applicable

OSHA: Not applicable

Sucrose

ACGIH: Not applicable

OSHA: Not applicable

8.2. Exposure controls

Appropriate engineering controls: Ensure good ventilation of the workstation.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Environmental exposure controls: Avoid release to the environment.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state: Solid

Appearance: powder.

Colour: white

Odour: Odourless.

Odour threshold: No data available

pH: No data available

Melting point: No data available

Freezing point: No data available

Boiling point: No data available

Flash point: No data available

Relative evaporation rate (butyl acetate=1): No data available

Flammability (solid, gas): No data available

Explosion limits: No data available

Explosive properties: No data available

Oxidizing properties: No data available

Vapor pressure: No data available

Relative density: No data available

Relative vapour density at 20°C: No data available
Density: 0.4 g/cm³ bulk density
Solubility: No data available
Log Pow: No data available
Log Kow: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available

9.2. Other information

No additional information available.

10. STABILITY & REACTIVITY

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity: Not classified

Vitamin D3 100,000 IU (67-97-0)

LD50 oral rat: > 10000

Vitamin D3 USA (67-97-0)

LD50 oral rat: 1680 mg/kg

ATE US (oral): 100.000 mg/kg body weight

ATE US (dermal): 300.000 mg/kg body weight

ATE US (dust, mist): 0.050 mg/l/4h

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitisation: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Not classified

Aspiration hazard: Not classified

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - general: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Vitamin D3 100,000 IU (67-97-0)

LC50 fish 1: 1000 mg/l

12.2. Persistence and degradability

No additional information available.

12.3. Bio-accumulative potential

No additional information available.

12.4. Mobility in soil

No additional information available.

12.5. Other adverse effects

Effect on global warming: No known ecological damage caused by this product.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste treatment methods: Dispose in a safe manner in accordance with local/national regulations.

14. TRANSPORT INFORMATION

Department of Transportation (DOT)

In accordance with DOT

No dangerous good in sense of transport regulations

Additional information

Other information: No supplementary information available.

ADR

No additional information available.

Transport by sea

No additional information available.

Air transport

No additional information available.

15. REGULATORY INFORMATION

15.1. US Federal regulations

Vitamin D3 USA (67-97-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

SARA Section 311/312 Hazard Classes: Immediate (acute) health hazard, Delayed (chronic) health hazard

Maltodextrin USA (9050-36-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified National regulations

Vitamin D3 100,000 IU (67-97-0)

All components of this product are listed on the Toxic Substances Control Act (TSCA) inventory

15.3. US State regulations

Vitamin D3 100,000 IU(67-97-0)

State or local regulations: U.S. - Pennsylvania - RTK (Right to Know) List, U.S. - New Jersey - Right to Know Hazardous Substance List

Vitamin D3 USA (67-97-0)

U.S. - Pennsylvania - RTK (Right to Know) List

U.S. - New Jersey - Right to Know Hazardous Substance List

Maltodextrin USA (9050-36-6)

U.S. - Pennsylvania - RTK (Right to Know) List

U.S. - New Jersey - Right to Know Hazardous Substance List

16. OTHER INFORMATION

Data sources: SDS of suppliers.

Full text of H-phrases:

----- Acute Tox. 2 (Inhalation: dust, mist): Acute toxicity (inhalation: dust, mist) Category 2

----- Acute Tox. 3 (Dermal): Acute toxicity (dermal) Category 3

----- Acute Tox. 3 (Oral): Acute toxicity (oral) Category 3

----- STOT RE 1: Specific target organ toxicity (repeated exposure) Category 1

----- H301: Toxic if swallowed

----- H311: Toxic in contact with skin

----- H330: Fatal if inhaled

----- H372: Causes damage to organs through prolonged or repeated exposure

NFPA health hazard: 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.

NFPA fire hazard: 0 - Materials that will not burn.

NFPA reactivity: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

HMIS III Rating

Health: 0 Minimal Hazard - No significant risk to health

Flammability: 0 Minimal Hazard - Materials that will not burn

Physical: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Review date: 16 Jan 2023