

Trade name: Veganes Vitamin D3

Substance number: 068455

Version: 1 / CH

Date revised: 28.02.2023

Replaces Version: - / CH

Print date: 28.02.23

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

1.1. Product identifier

Veganes Vitamin D3

Item No. 06845500

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

Use of the substance/preparation

food additive

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible

for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

Supplemental information

EUH210

Safety data sheet available on request.

2.3. Other hazards

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

Hazardous ingredients

colecalfiferol

CAS No. 67-97-0

EINECS no. 200-673-2

Concentration \geq 0.1 < 0.3 %

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 2 H300

Acute Tox. 2 H310

Acute Tox. 2 H330

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STOT RE 1

H372

Concentration limits (Regulation (EC) No. 1272/2008)

	STOT RE 1	H372	>= 3 %
	STOT RE 2	H373	>= 0.3 < 3 %
ATE	oral	35	mg/kg
ATE	dermal	50	mg/kg
cATpE	inhalative, Dust/Mist	0.05	mg/l

Other information

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

In case of persistent symptoms consult doctor.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Rinse out mouth and give plenty of water to drink.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

4.2. Most important symptoms and effects, both acute and delayed

Until now no symptoms known so far.

4.3. Indication of any immediate medical attention and special treatment needed**Hints for the physician / hazards**

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Foam, Carbon dioxide, Dry powder, Water spray jet

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

In case of combustion use a suitable breathing apparatus.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid dust formation.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

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6.3. Methods and material for containment and cleaning up

Pick up mechanically. Clean contaminated floors and objects thoroughly, observing environmental regulations.

6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Observe the usual precautions for handling chemicals.

Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed and dry.

Hints on storage assembly

Do not store together with foodstuffs.

Storage classes

Storage class according to TRGS 510 13
Storage category (Switzerland) NG

Non- combustible solids
Other solid hazardous substances
without classification/labelling
hazardous

Further information on storage conditions

Keep container tightly closed and dry.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals.

Respiratory protection

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.
Dust mask

Hand protection

In case of intensive contact wear protective gloves.
Appropriate Material neoprene

Eye protection

Safety glasses

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

Physical state solid
Colour light yellow
Odour odourless
Physical state Powder
Melting point
 Remarks not determined

Freezing point
 Remarks not determined

Boiling point or initial boiling point and boiling range
 Remarks not determined

Flammability
 not determined

Upper and lower explosive limits
 Remarks not determined

Flash point
 Value °C
 Remarks Not applicable

Ignition temperature
 Remarks not determined

Decomposition temperature
 Remarks not determined

pH value
 Remarks not determined

Viscosity
 Remarks not determined

Solubility(ies)
 Remarks not determined

Partition coefficient n-octanol/water (log value)
 Remarks not determined

Vapour pressure
 Remarks Not applicable

Density and/or relative density
 Remarks not determined

Relative vapour density
 Remarks not determined

9.2. Other information

Odour threshold
 Remarks not determined

Evaporation rate (ether = 1) :
 Remarks not determined

Solubility in water
 Remarks virtually insoluble

SECTION 10: Stability and reactivity

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10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No decomposition if stored and applied as directed.

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

ATE	>	10'000	mg/kg
Method		calculated value (Regulation (EC) No. 1272/2008)	

Acute oral toxicity (Components)**colecalfiferol**

ATE		35	mg/kg
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Acute dermal toxicity

ATE	>	10'000	mg/kg
Method		calculated value (Regulation (EC) No. 1272/2008)	

Acute dermal toxicity (Components)**colecalfiferol**

ATE		50	mg/kg
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Acute inhalational toxicity

ATE		20	mg/l
Administration/Form		Dust/Mist	
Method		calculated value (Regulation (EC) No. 1272/2008)	

Acute inhalative toxicity (Components)**colecalfiferol**

ATE		0.05	mg/l
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Skin corrosion/irritation

Remarks		not determined
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Serious eye damage/irritation

Remarks		not determined
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Serious eye damage/irritation (Components)**colecalfiferol**

evaluation		slightly irritant
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Sensitization

Remarks		not determined
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Subacute, subchronic, chronic toxicity

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Remarks not determined

Mutagenicity

Remarks not determined

Reproductive toxicity

Remarks not determined

Carcinogenicity

Remarks not determined

11.2 Information on other hazards**Endocrine disrupting properties with respect to humans**

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

Other information

No toxicological data are available.

SECTION 12: Ecological information**12.1. Toxicity****General information**

not determined

12.2. Persistence and degradability**General information**

not determined

12.3. Bioaccumulative potential**General information**

not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

12.4. Mobility in soil**General information**

not determined

12.5. Results of PBT and vPvB assessment**Results of PBT and vPvB assessment**

The product contains no PBT substances
The product contains no vPvB substances.

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects**General information**

not determined

General information / ecology

Do not discharge product unmonitored into the environment.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Disposal in compliance with local and national regulations.

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off as product waste.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Water Hazard Class (Germany)

Water Hazard Class (Germany) WGK 2

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

Hazard statements listed in Chapter 3

H300 Fatal if swallowed.
 H310 Fatal in contact with skin.
 H330 Fatal if inhaled.
 H372 Causes damage to organs through prolonged or repeated exposure.

CLP categories listed in Chapter 3

Acute Tox. 2 Acute toxicity, Category 2
 STOT RE 1 Specific target organ toxicity - repeated exposure, Category 1

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
 This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.