

Material Safety Data Sheet

1. Identification of Preparation and Company / Business:

Preparation:

Name: Vitaplan DCP

Product: Feed supplement

Company / business:

Producer: Agraplan Farmaca

Address: Maalstoel 6, NL- 7773 NN Hardenberg,

Country: The Netherlands

Phone: +31(0)88-0156677

Fax: +31(0)88-0156676

Website: www.agraplan.com

Emergency phone: 00-31-6-46707780

2. Composition Product:

Hazardous ingredients:

<u>CAS No:</u>	<u>Name:</u>	<u>Concentration:</u>	<u>Classification:</u>
67-97-0	Vitamin D3, 4.000.000 IU/g R : 25, 51, 53, 63 S : 22, 24, 36, 37, 39, 45, 53, 61	1.25 %	T, Xn, N
10035-04-8	Calcium Chloride R: 36 S: 22, 24	5.0 %	Xi
7664-38-2	Phosphor Acid R : 34 S : 26, 45	0.4 %	C

3. Identification of Hazards:

For human hazards :

- Not dangerous when used according description

Physical and chemical hazards:

- None. But do not mix with other liquids.

Classification hazards:

- None

4. First Aid:

In event of exposure by inhalation:

- Take victim in fresh air.

In event of eye contact:

- Clean with water for 15 minutes. If any redness, pain or visual impairment, consult an ophthalmologist.

In event of skin contact:

- Rinse with water.

In event of ingestion:

- When needed contact a local Doctor.

5. Fire Fighting Measures:

Suitable extinguishing media:

- Water
- Foam
- Powder
- Carbon Dioxide

Special hazards in case of fire:

- Formation of toxic and corrosive combusting gases (Ammonia, Nitrogen Oxide) possible.

Protection of fire-fighters:

- Hold down gasses with water-mist

6. Accidental Release Measures:

Leak and spill procedures:

- Avoid contact with skin. Clean contaminated area with plenty of water.

P.O. Box 103
7770 AC Hardenberg
Maalstoel 6
7773 NN Hardenberg
The Netherlands
T +31 (0) 88 015 66 77
E info@agraplan.com
I www.agraplan.com

7. Handling and Storage:

Handling:

Technical measures:

- None

Suitable measures:

- Gloves and glasses

Storage:

Storage conditions:

- Protect from direct sunlight. At room temperature (15 – 25 °C)

Validity:

- 2 years from production date.

Packing materials:

- Polyethylene can.

8. Exposure Controls / Personal Protection:

Threshold value air:

- Not applicable

Analysis:

- Not applicable

Hand protection:

- Wearing protective gloves is recommended.

Eye protection:

- Wearing protective eyeglasses is recommended.

9. Physical and Chemical Properties:

Physical and chemical properties:

Density:	1.08 mg/ml
Color:	Clear – turbid yellow
Solubility in water:	Well soluble in water
Physical state:	Liquid

Particular properties:

pH-value:	1.0 – 2.0
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10. Stability and Reactivity:

Stability:

- 2 years at room temperature (15 – 25 °C)

Conditions to avoid:

- Do not exceed room temperature (15 – 25 °C)

To avoid substances:

- Do not mix this product with other liquids.

11. Toxicological Information:

Acute toxicity:

- No data available due to combination preparation.

Remaining toxicological information:

<u>CAS No:</u>	<u>Name:</u>	<u>Concentration:</u>	<u>LD50:</u>
67-97-0	Vitamin D3, 4.000.000 IU/g R : 25, 51, 53, 63 S : 22, 24, 36, 37, 39, 45, 53, 61	1.25 %	8.000 mg/kg
10035-04-8	Calcium Chloride R: 36 S: 22, 24	5.0 %	1.000 mg/kg
7664-38-2	Phosphor Acid R : 34 S : 26, 45	0.4 %	Corrosive

Further information:

Sensitization:

- Allergies for minerals is rare.

Chronic Toxicity:

- Low toxicity of minerals for humans, see above table.

12. Ecological Information:

Inherent biodegradability:

- Well inherently biodegradable >70 %

Eco-toxicity:

- Not toxic for fish because vitamin are also used in fish farming industry and fish in open sea.

Air pollution:

- Not applicable

13. Disposal Considerations:

National and/or European legislation:

- Observe local and national regulations regarding waste disposal.

14. Transport Information:

Classified as harmless goods.

15. Regulatory Information:

Under EU regulations:

- Feed additive

16. Remaining Information:

This product is for feed additive use only, do not use for any other purposes.

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- Vitaplan DCP is produced and marketed by: Agraplan Farmaca B.V
Maalstoel 6
7773 NN Hardenberg
The Netherlands

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