

<b>Commercial Name</b>	<b>Vitamin D3-like</b>
<b>INCI name</b>	<b>Aqua &amp; Sodium citrate &amp; Saccharomyces/Grape ferment extract &amp; Sodium benzoate</b>

## I – IDENTIFICATION OF SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier:

**INCI NAME:** Aqua & Sodium citrate & Saccharomyces/Grape ferment extract & Sodium benzoate

**N° CAS:** 7732-18-5 & 6132-04-3 & ND & 532-32-1

**N° EINECS:** 231-791-2 & 200-675-3 & ND & 208-534-8

**Reach Status:** EXEMPTION

*Referring to Commission Regulation (EC) N° 987/2008 of 8 october 2008 Amending Regulation (EC) N° 1907/2006 & Amending Regulation (EC) N° 143/2011 of 17 februar 2011 of the European Parliament and of the council on the Registration, Evaluation, Authorisation and restriction of chemicals (REACH) as regards Annexes IV and V (Annex V point 7&8).*

**Trade name:** Vitamin D3-like

### 1.2 Relevant identified uses of the substance and uses advised against:

**Identified uses:** VDR protein stimulation (agonist of the cholecalciferol)

**Uses advised against:** Not available

### 1.3 Details of the supplier of the safety data sheet:

Address: EPHYLA SAS

18 PA de l'Estuaire , 56190 Arzal, France

Telephone: +( 33) (0)633560553

E-mail: [contact@ephyla3.com](mailto:contact@ephyla3.com)

### 1.4 Emergency telephone Number:

+33(0) 2 97 44 61 40 (available from 9 am to 6 pm)

## II– HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture:

**Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]:** Not Classified

**Classification according to Directive 67/548/EEC:** Not classified.

### 2.2 Label elements:

**Labelling according Regulation (EC) N°1272/2008[CLP]**

**Hazard Pictogram:** Hazard symbol or symbols not applicable.

**Signal word:** No signal word.

**Precautionary statement:**

P262

Do not get in eyes

**III- COMPOSITION /INFORMATION ON INGREDIENTS**

**3.1 Classification of the substance or mixture:**

**INCI NAME :** Aqua & Sodium citrate & Saccharomyces/Grape ferment extract & Sodium benzoate

**N° CAS :** 7732-18-5 & 6132-04-3 & ND & 532-32-1

**N° EINECS :** 231-791-2 & 200-675-3 & ND & 208-534-8

**3.1 Nature and decomposition of the mixture and origin:**

<b>Natural / Aqua</b>	<b>QSP (France)</b>
<b>Natural / Sodium citrate</b>	<b>8 -11 % (Europe)</b>
<b>Fermentation / Saccharomyces/Grape ferment extract</b>	<b>7-10% (France)</b>
<b>Synthetic / Sodium benzoate</b>	<b>0.4% (China)</b>

**IV – FIRST AID MESURES**

**4.1 Description of first aid measures:**

**After eye contact:** Rinse opened eye for several minutes under water or neutral saline solution for at least 15 minutes. Seek medical attention.

**After skin contact:** Take off immediately all contaminated clothing, and wash immediately with plenty of water, and with soap. If skin irritation persists seek medical attention.

**After inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration

**After ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water

**4.2 Most important symptoms and effects, both acute and delayed:**

No known significant effects or critical hazards.

**V – FIRE FIGHTING MESURES**

**5.1 Extinguishing media**

**Suitable extinguishing media:** use an extinguishing agent suitable for the surrounding fire

**Unsuitable extinguishing media:** none know

**5.2 Special hazards arising from the substance or mixture:**

Aluminum oxide, silicon oxides

**5.3 Advice for firefighters:**

Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus. Vapours may travel back to ignition source. Closed containers exposed to heat may explode. On extreme long heating at high temperature gaseous components occur.

## **VI – ACCIDENTAL RELEASE MESURES**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Avoid breathing vapours, mist or gas.

For personal protection see section VIII.

### **6.2 Environmental precautions**

Do not let product enter drains.

### **6.3 Methods and materials for containment and cleaning up**

Sweep up and shovel. Keep in suitable, closed containers for disposal.

### **6.4 Reference to other sections**

For disposal see section XIII.

## **VII – HANDLING AND STORAGE**

### **7.1 Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

### **7.2 Conditions for safe storage, including any incompatibilities**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

## **VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION**

### **8.1 Control parameters**

#### **Components with workplace control parameters**

### **8.2 Exposure controls**

#### **Appropriate engineering controls**

General industrial hygiene practice.

#### **Personal protective equipment:**

##### **Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### **Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique

(without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

##### **Body Protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected

according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure**

Do not let product enter drains

**IX – PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties:**

Form:	liquid
Color:	brownish orange
Odor:	characteristic
pH Value:	4.0-5.2 (in water solution at 10 % at 20°C)
Flash point :	no data available
Flammability :	no data available
Autoinflammability:	no data available
Explosive properties:	no data available
Vapour Pressure (Ethanol):	no data available
Solubility – Water :	soluble
Solubility – Oil :	insoluble

**X – STABILITY AND REACTIVITY**

<b>10.1 Reactivity:</b>	no data available
<b>10.2 Chemical stability:</b>	stable under recommended storage conditions.
<b>10.3 Possibility of hazardous reactions:</b>	no data available
<b>10.4 Conditions to avoid:</b>	no data available
<b>10.5 Incompatible:</b>	no data available

**XI – TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

<b>Acute toxicity:</b>	No toxic effect known
<b>Primary irritant effect on the skin:</b>	No data available for pure product
<b>Primary irritant effect on the eye:</b>	No data available for pure product
<b>Carcinogenicity:</b>	No component of this product present at levels greater than or equal to 0,1% is identified as probable, possible or confirmed human carcinogen by IARC.

**XII – ECOLOGICAL INFORMATION**

No data available

**XIII – DISPOSAL CONSIDERATION**

No data available.

**XIV – CONSIDERATIONS LINKED TO TRANSPORT****4.1 UN number**

ADR/RID: --                      IMDG: --              IATA: --

**14.2 UN proper shipping name**

ADR/RID:                      Not dangerous goods

IMDG:                          Not dangerous goods

IATA:                          Not dangerous goods

**14.3 Transport hazard class(es)**

ADR/RID: -                      IMDG: -                  IATA: -

**14.4 Packaging group**

ADR/RID: -                      IMDG: -                  IATA: -

**14.5 Environmental hazards**

ADR/RID: no                      IMDG Marine pollutant: no      IATA: no

**14.6 Special precaution**                      --

**XV – REGULATIONS**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

no data available

**15.2 Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out

**XVI – OTHER INFORMATIONS****Source of Information:**

1. Chemical safety data sheets Volume 1 – Royal Society of Chemistry Information Services
2. Hazardous Chemicals Data Book, Environmental Health Review N° 4 Edited by G. Weiss
3. Canadian Centre for Occupational Health and Safety. Record N° 516022

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