

<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>

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## RECOMMENDATIONS

All recommendations for the use of the mentioned raw materials are given to the best of our knowledge at the date they are established. Our clients should themselves verify that the content and the properties of our raw materials are compatible with the required end result and end-product labelling requirements.

### 1. RAW MATERIAL DESCRIPTION

- Trade name: Vitamin D3-like
- Product code: VD3L001
- Manufacturer: Ephylla SAS
- INCI Europe: Aqua & Sodium citrate & Saccharomyces/Grape ferment extract & Sodium benzoate

### 2. GEOGRAPHIC ORIGIN

The above mentioned raw materials are sourced from France ( Aqua & Saccharomyces) , Europe (Sodium citrate) and China (Sodium benzoate)

### 3. MANUFACTURING PROCESS

Detailed flowchart available on request

### 4. DEBACTERIZING TREATMENT

We hereby certify that the above mentioned raw materials are NOT decontaminated by gamma-rays.

## 5. COMPOSITION

Ing.	%	INCI name	O (*)	CAS (**)	N° EINECS (**)
1	qsp	Aqua		7732-18-5	231-791-2
2	8-11	Sodium citrate	P	6132-04-3	200-675-3
3	7-12	Saccharomyces/Grape ferment extract	P	NA	NA
4	0.4	Sodium benzoate	S	532-32-1	208-534-8

(\*) Origin :

- (P) plant ; also included biotechnological origin from vegetal substrates
- (AD) derived from animals
- (AH) harvested from animals
- (MO) micro-organism / fungal
- (MI) mineral
- (S) synthesis,

(\*\*) CAS# & N° EINECS: the usual reference for CAS# & N° EINECS is COSING

<http://ec.europa.eu/growth/tools-databases/cosing/index.cfm?fuseaction=search.results>

**NOTE:** As it is written in the Nomenclature conventions of INCI, the conventions used to determine INCI names for cosmetic ingredients states that :

"11. Water, ethyl alcohol, and other diluents or solvents contained in commercially available raw materials, except extracts, as not normally identified as part of the INCI name. See labeling reminders, for additional information on the labeling of solvents and/or diluents that may be present in raw materials".

## 6. REACH EUROPE

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).

Ing.	INCI name Europe	Reach Exemption	Reach Registration Number
1	Aqua	YES Annexes IV and V	
2	Sodium citrate		01-2119457027-40-xxxx
3	Saccharomyces/Grape ferment extract	Annexes IV and V	
4	Sodium benzoate	--	01-2119460683-35-xxxx

## 7. LEGISLATION

Any legislation which restricts or prohibits the use of this raw materials in the following territories:

Territories	Yes/No	Applicable Legislation & Usage Levels
EU	NO	
Turkey		
Russia		
SASO (Saudi Arabian Standards Organisation)		
South Africa		
USA	NO	
Canada	NO	
South America		
China	NO	
Japan	NO	
ASEAN (Indonesia, Malaysia, Philippines, Singapore, Vietnam, Burma, Cambodia, Thailand, Laos, Brunei)		
Korea	NO	
Australia (NICNAS – Cosmetics)		
Australia (TGA – Therapeutics)		

New Zealand		
<i>Other</i>		

**8. COSMETIC REGULATION N°1223/2009**

Based on our actual knowledge of our production process and ingredients used we hereby certify that the above mentioned raw materials do not contain any forbidden or regulated substances by the annexes II, III, IV, V and VI of the european regulation n°1223/2009 and their adaptations.

**9. SAFETY**

Based on our actual knowledge, we certify that no incident following of the above mentioned raw materials that can be interpreted as being a sign of toxicity has been brought to our attention. In light of our experience acquired by the sale of this ingredient, we declare that it is not harmful in normal concentrations and normal conditions of use.

**10. NOAEL**

We certify that the mentioned raw materials hereafter have not been experimented for measuring a NOAEL (no observed adverse effect level).

**11. BOVINE SPONGIFORM ENCEPHALOPATHY (BSE/TSE)**

Based on our actual knowledge of our production process and ingredients used we hereby certify that the above mentioned raw materials do not contain any substance from bovine, ovine and caprine origin (Annexe II, n°1223/2009).

**12. GENETICALLY MODIFIED ORGANISM (GMO)**

*EC Directives 1829/2003 and 1830/2003*

Based on our actual knowledge of our production process and ingredients used we hereby certify that the above mentioned raw materials do not contain any ingredients from genetically modified organism (GMO).

**13. RESIDUAL SOLVENT**

*ICH guideline Q3C (R5)*

Based on our actual knowledge of our production process and ingredients used we hereby certify that the above mentioned raw materials comply to limits of residual solvent listed in ICH Guideline.

Class 1: Comply

Class 2: Comply

Class 3: Comply

**14. GLYCOL ETHERS**

*Regulation EC 1223/2009, Annexe II*

Based on our actual knowledge of our production process and ingredients used we hereby certify that the above mentioned raw materials do not include the following 10 glycol ethers :

- DEGBE Annex II / No 187, Regulation 1223/2009
- EGBE Annex II / No 188, Regulation 1223/2009
- EGME Annex II / No 665, Regulation 1223/2009
- EGMEA Annex II / No 665, Regulation 1223/2009
- EGEE Annex II / No 666, Regulation 1223/2009
- EGEEA Annex II / No 666, Regulation 1223/2009
- DEDGME Annex II / No 676, Regulation 1223/2009
- DEGME Annex II / No 1000, Regulation 1223/2009
- TEGDME Annex II / No 1147, Regulation 1223/2009
- DEGEE

**15. PROPOSITION 65**

*Californian Safe drinking water and toxic enforcement act of 1986*

Based on our actual knowledge of our production process and ingredients used, we hereby certify that the above mentioned raw materials do not contain any substance of the list of Chemicals known to the state to cause cancer or reproductive to toxicity.

**16. CMR SUBSTANCES**

*European regulation 1272/2008, Annexe VI, part 3*

Based on our actual knowledge of our production process and ingredients used we hereby certify that the above mentioned raw materials do not contain any substance classified as CMR category 1A, 1B, 2 (carcinogenic, mutagen or toxic for reproduction) according to the 1272/2008 (EC) regulation and adaptations.

**17. SVHC ( SUBSTANCES OF VERY HIGH CONCERN)**

Article 57 of Regulation (EC) n° 1907/2006

Based on our actual knowledge of our production process and ingredients used we hereby certify that the above mentioned raw materials do not contain any substances of very high concern listed in the candidate list of substances as describe by the European Chemicals Agency. The candidate list of such substances is available at the following address:

[http://echa.europa.eu/chem\\_data/authorisation\\_process/candidate\\_list\\_table\\_en.asp](http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp)

**18. HEAVY METALS**

Heavy metals content as detected by ICP-MS:

ANTIMONY < 0.1 mg/kg

ARSENIC < 0.1 mg/kg

CADMIUM < 0.01 mg/kg

LEAD < 0.1 mg /kg

MERCURY < 0.01 mg/kg

**19. FOOD ALLERGENS**

Based on our actual knowledge of our production process and ingredients used we hereby certify that the above mentioned raw materials do not contain the allergens listed below as defined by current European food regulation:

- Crustaceans and products thereof
- Eggs and products thereof
- Peanuts and products thereof
- Soybean and products thereof
- Milk and products thereof including lactose
- Celery and products thereof
- Mustards and products thereof
- Sesame and products thereof
- Lupine and products thereof
- Mollusks and products thereof
- Fish and products thereof

**20. GLUTEN**

Based on our actual knowledge of our production process and ingredients used, we hereby certify that the above mentioned raw materials are not expected to contain gluten.

**21. VEGETARIAN**

Based on our actual knowledge of our production process and ingredients used, we hereby certify that the above mentioned raw materials is suitable for vegetarians.

**22. VEGAN**

Based on our actual knowledge of our production process and ingredients used, we hereby certify that the above mentioned raw materials is suitable for vegans.

**23. COSMETIC ALLERGENS**

*Regulation EC 1223/2009, Annex III modified by Regulation EC 2023/1545*

Based on our actual knowledge of our production process and ingredients used we hereby certify that the above mentioned raw materials do not contain any of the 80 allergens described by the European regulation 1223/2009 modified by European regulation 2023/1545

**24. QUESTIONABLE CHEMICALS**

Based on our actual knowledge of our production process and ingredients used, we hereby certify that the above mentioned raw materials are free of the following chemicals:

- Lanolin (& derivatives)
- Rosin (& derivatives)
- Camphor (& derivatives)
- Mineral oil

**25. IMPURITIES**

Based on our actual knowledge of our production process and ingredients used we hereby certify that the above mentioned raw materials do not contain any of the following impurities:

- Acetone
- Acrylamide
- Antibiotics
- Antioxidants
- Asbestos
- Chloracetic acid
- 1,4 – Dioxane

- Diglycol
- Ethylacetate
- Ethylene oxid
- Free amines
- Formaldehyde
- Hormone
- Hydroquinone
- Hydroquinone dimethyl ether
- Methanol
- Methylbenzene
- Metaphenylene diamine
- Monomers, including acrylamide monomer, etc.
- Nitrosamines
- Phenol
- Resorcinol
- Secondary alkyl and alkanolamines and their salts
- Triethanolamine

## 26. PRESERVATIVES

Based on our actual knowledge of our production process and ingredients used we hereby certify that the above mentioned raw materials is conformed to the Maximum Threshold authorized in terms of preservatives as listed in annexe V of European regulation 1223/2009.

- Sodium Benzoate < 0.5% in the Vitamin D3-like

- Sodium Benzoate <0.005 % in a finished product containing 1% of Vitamin D3-like)

## 27. PESTICIDES

Based on our actual knowledge of our production process and ingredients used, we hereby certify that the pesticides residue levels of the above mentioned raw materials comply to European regulation 396/2005.

- Organochlorine pesticides and pyrethroids: not detected
- Organophosphorous pesticides: not detected

## 28. SULPHUR DIOXIDE AND SULFITES

Based on our actual knowledge of our production process and ingredients used we hereby certify that the above mentioned raw materials do not contain Sulphur dioxide and sulfite.

**29. BISPHENOL A / PHTHALATES**

Based on our actual knowledge of our production process and ingredients used, we hereby certify that the above mentioned raw materials are not expected to contain Bisphenol A or Phthalates.

**30. PALM OIL AND DERIVATIVES**

Based on our actual knowledge of our production process and ingredients used, we hereby certify that the above mentioned raw materials do not contain palm oil and palm oil derivatives.

**31. LATEX**

Based on our actual knowledge of our production process and ingredients used, we hereby certify that the above mentioned raw materials do not contain latex.

**32. NANOPARTICULES**

*European cosmetic regulation 1223/2009, article 2 k) / French Environmental Code*

Based on our actual knowledge of our production process and ingredients used we hereby certify that the above mentioned raw materials are free of ingredients containing nanoparticles as defined in article 2, point k) of European regulation 1223/2009 or article R523-12 of French environmental code.

**33. ANIMAL TESTING**

*European regulation 1223/2009, Article 18*

Based on our actual knowledge of our production process and ingredients used, we hereby certify that the above mentioned raw materials and the ingredients

- does not contain any product of animal origin and has not been in contact with any material of animal origin during the manufacture and storage
- have not been tested on animals for cosmetic purposes by or on behalf of the company since January 1<sup>st</sup> 2000.

**34. CITES CERTIFICATE**

*European Regulation 338/97*

Based on our actual knowledge of our production process and ingredients used, we hereby certify that the above mentioned raw materials, we hereby declare that the above mentioned raw materials are not listed in CITES regulation.

### 35. ORGANIC

This material is non organic.

### 36. PATENT STATUS

Based on our actual knowledge of our production process and ingredients used, we hereby certify that this material can be used freely in cosmetic & toiletry formulations without infringing any patent (other than our own patent).

### 37. KOSHER

Based on our actual knowledge of our production process and ingredients used, we hereby certify that the above mentioned raw materials do not contain Non-Kosher ingredients and is manufactured only with herbal raw botanicals

### 38. HALAL

We hereby declare that for the production of the above raw material all ingredients used are non-animal based or do not contain any animal impurity. Following ingredients have been explicitly excluded during the complete production process:

- Swine/Pork and its by-product, or ingredients based on Swine/Pork.
- Animals improperly slaughtered or dead before slaughtering.
- Animals killed in the name of anyone else than Allah.
- Ethanol (Alcohol) or drugs.
- Carnivorous animals.
- Birds of prey.
- Land animals without external ears.

Blood, blood by products and blood derived ingredients.

### 39. STATEMENT MICROPLASTICS

Based on our actual knowledge of the production process and raw materials used, we hereby certify that this ingredient does not contain any microplastic materials (non-biodegradable polymers).