

Commercial Name	Vitamin D3-like
INCI name	Aqua & Sodium citrate & Saccharomyces/Grape ferment extract & Sodium benzoate

Specifications

- **Function** : VDR protein stimulation (agonist of the cholecalciferol) ; soothing and anti-aging properties
- **Country of Manufacturing**: France
- **Available forms**: liquid
- **Incorporation rate**: 1%
- **Origin**: natural
- **Color**: brownish orange
- **Odor**: characteristic
- **pH**: 4,0-5,2 (in water solution at 10% at 20°C)
- **Solubility**: hydrosoluble
- **China compliant**: yes
- **COSMOS compliant**: yes
- **Vegan compliant**: yes

Tolerance

- Test: skin irritation (Patch test)
Result: non-irritant
- Test: eye irritation testing (HET-CAM Test)
Result: moderately irritant
- Test: phototoxicity
Result: non phototoxic

- Keep container tightly closed in dry and well-ventilated place
- Shelf Life: 18 months

Formulation

Vitamin Rich CREAM

Preservatives	QS	/
Water	QSP	Aqua
Frametime CXG (EPHYLA)	5	Bentonite & Xanthan gum & Sodium stearyl glutamate & Citric acid
Xanthan Gum FF	0,4	Xanthan gum
Regeneryl (EPHYLA)	1	Montmorillonite & Borojoa patinoi fruit juice & Ulva lactuca extract
Hyaluronic Acid HMW (EPHYLA)	0,1	Sodium hyaluronate
Vitamin D3-like (EPHYLA)	1	Aqua & Sodium citrate & Saccharomyces/Grape ferment extract & Sodium benzoate
Glycerin	2	Glycerin
Propanediol	5	Propanediol
Carnouba Wax	1,5	Copernicia Cerifera (carnauba) wax
Kokum Butter (EPHYLA)	10	Garcinia indica seed butter
Cetearyl alcohol	5	cetearyl alcohol
Vitamin C Tetra E (EPHYLA)	1	Tetrahexyldecyl ascorbate
Neossance squalane	10	Squalane
Perfume	QS	Parfum
HTR1 (EPHYLA)	3	Helianthus annuus seed oil & Protium heptaphyllum resin

Protocol

- 1- Solubilize preservatives in water and heat at 40°C
- 2- Combine B to A and mix until completely homogeneous
- 3- Add C and mix
- 4- Heat D1 to 70°C and homogenize
- 5- Add D2 to D1 and homogenize
- 6- Add D to A&B&C and homomix until completely homogeneous