

## RAW MATERIAL INFORMATION

## NATURA-TEC CRYSTAL CREAM™

### Product identification

<b>Manufacturer :</b>	Natura-tec
<b>Country of origin :</b>	France
<b>Custom Tariff :</b>	38249955

### Manufacturing process and chemical composition

#### Manufacturing process:

The manufacturing process is the judicious combination of :

- Sucrose polystearate : Ester of stearic acid and sucrose
- Cetearyl Alcohol : Mixture of fatty alcohols consisting predominantly of cetyl and stearyl alcohols
- Natural waxes of Olive Oil Unsaponifiables

This is carried out at approximately 80°C under nitrogen atmosphere. After QC control, the blend is cooled and filtered on a paper filter of 10µm when uniform product is cooled and transformed in flakes.

#### Chemical composition:

INCI/USA	INCI/EEC	CAS No.	EINECS / ELINCS No.	Function	%
Sucrose Polystearate	Sucrose Polystearate	37318-31-3	253-459-6	Emulsifier	> 50 %
Cetearyl Alcohol	Cetearyl Alcohol	67762-27-0	267-008-6		25-50 %
Olea Europaea (Olive) Oil Unsaponifiables	Olea Europaea Oil Unsaponifiables	156798-12-8	232-277-0		1 - 4,99%

#### Impurities:

Impurities	Nature	Specification, ppm
<b>Residual solvents</b>		None
<b>Monomers</b>		None
<b>Heavy metals</b>	Pb	<LOQ (LOQ = 0.05ppm)
	As	<LOQ
	Cd	<LOQ
	Hg	<LOQ
	Cr	<LOQ
	Ni	<LOQ
	Others	Σ < 3 ppm
<b>Pesticides</b>		None

## Decontamination by radioactivity

We hereby certify that the product **Natura-tec Crystal Cream** has not been treated with ionising radiation.

### ISO16128 guideline Information

Substance INCI name	Ingredient type	% mass fraction	Natural index	Natural origin index	Organic index	Organic origin index
Sucrose Polystearate	Derived natural	> 50 %	0	1	0	0
Cetearyl Alcohol	Derived natural	25-50 %	0	1	0	0
Olea Europaea Oil Unsaponifiables	natural	1 - 4,99%	1	1	0	0
<b>Natural origin content %*</b>	100 %					

\*Natural origin content %: the mass percentage, between 0% and 100%, of all natural ingredients and natural portions of derived natural ingredients in the product.

### Reach compliance / CLP classification

#### Reach (CE regulation n°1907/2006)

Substance INCI name	CAS No	EINECS	Pre-registration	Registration Dateline	Registration
Sucrose Polystearate	37318-31-3	253-459-6	Yes	2018	REACH Registration number : 01-120770076-54-XXXX
Cetearyl Alcohol	67762-27-0	267-008-6			<p>The mono ingredients have been registered as below :</p> <p>1/ C16. Cetyl Alcohol            Registration number : 01-2119485905-24            Class of products : Hexadecan-1-ol, C16            EINECS : 253-149-0            CAS : 36653-82-4</p> <p>2/ C18. Stearyl Alcohol            Registration number : 01-2119485907-20            Class of products : octadecan-1-ol, C18            EINECS 204-017-6            CAS : 112-92-5</p>
Olea Europaea (Olive) Oil Unsaponifiables	156798-12-8	232-277-0	Exempted annex V		

## CLP classification

**Natura-Tec Crystal Cream** is not classified under regulation CE 1272/2008

## Ingredient of vegetable origin

General description of the vegetable			
INCI name of the ingredient of vegetable origin	Sucrose Polystearate	CetearylAlcohol	Olea Europaea (Olive) Oil Unsaponifiables
Name of the vegetable (genus – species)	<i>Sucrose</i> : Sugar cane and sugar beet <i>Stearate</i> : Palm and coconut oil	Genus : Elaeis Species : Guineensis Family : Palmaceae	Genus : Olea Species : Europaea Family : Oleaceae
Part used	<i>Stearate</i> : fruit	Fruit	Fruit
Geographical origin	<i>Sucrose</i> : Australia, Thailand, Japan <i>Stearate</i> : Malaysia, Indonesia, Philippines	Tropical countries	Spain, Italy, Greece
Is the plant cultivated or natural?	Cultivated	cultivated	cultivated
Is it a regulated vegetable species	Supplier of stearate is a member of the round table of sustainable palm oil (RSPO), RSPO supply chain certificate n° :RSPO SC 0039 Mass balanced model	Supplier of cetyl and stearyl fraction is a member of the round table of sustainable palm oil (RSPO), RSPO supply chain certificate n° :RSPO SC 0039 Mass balanced model	No

We the undersigned, certify that our **Natura-Tec Crystal Cream** contains no material of animal origin and thus is not concerned by BSE regulation

## Storage conditions

Packaging	Bags, 25 kg net
Storage	Store in a cool dry place in original unopened packaging
Shelf life	24 months in original unopened packaging

## Toxicological data

By analogy with results on the separated ingredients, **Natura-Tec Crystal Cream** is classified non toxic under normal conditions of use and not irritant for the skin and eyes.

Bibliographic data – Cosmetic Ingredient Review Expert panel  
<http://www.cosmeticsinfo.org/safety.php>.

## Bibliographic data on the individual ingredients

### Sucrose polystearate

The Food and Drug Administration (FDA) has approved the use of Sucrose Fatty Acid Esters as direct food additives. Sucrose oligoesters (average degree of esterification from four to seven) are also approved for use as direct food additives.

The safety of many fatty acids, including Stearic Acid, Lauric Acid Myristic Acid and Coconut Acid, has been assessed by the Cosmetic Ingredient Review (CIR) Expert Panel. The CIR Expert Panel evaluated the scientific data and concluded that the fatty acids were safe for use in cosmetics and personal care products.

### Cetearyl Alcohol

The safety of Cetearyl Alcohol, Cetyl Alcohol, Isostearyl Alcohol, Myristyl Alcohol and Behenyl Alcohol has been assessed by the Cosmetic Ingredient Review (CIR) Expert Panel. The CIR Expert Panel evaluated the scientific data and concluded that these fatty alcohols were safe for use as cosmetic ingredients.

In 2005, the CIR Expert Panel considered available new data on Cetearyl Alcohol and the other fatty alcohols and reaffirmed the above conclusion

### Olea Europaea (Olive) Oil Unsaponifiables

The safety of Olive Oil Unsaponifiables has been assessed by the Cosmetic Ingredient Review (CIR) Expert Panel. The CIR Expert Panel evaluated the scientific data and concluded that Olive Oil Unsaponifiables was safe for use as cosmetic ingredients. In 2001, the CIR Expert Panel considered available new data on Olive Oil Unsaponifiables and reaffirmed the above conclusion

CIR Safety Review: The CIR Expert Panel noted that studies indicated that Olive Oil Unsaponifiables was poorly absorbed from the gastrointestinal tract. The toxicity of this ingredient by all routes was low. At 100% concentrations, Olive Oil Unsaponifiables was non irritant to the skin and eyes. Products containing Olive Oil Unsaponifiables were not dermal irritants or sensitizers

## Regulatory information - Certificates

### **Cosmetic directive compliance**

In conformance to the Regulation (EC) n° 1223/2009 in respect to the use in cosmetic products, **Natura-Tec Crystal Cream** is exempted of prohibited substances (Annex II) and restricted substances (Annex III). **Natura-Tec Crystal Cream** is exempted of Phtalates, nonylphenol, alkylphenols, phenol, nitrosamines, glycol ethers.

### **Non animal testing**

We hereby confirm that **Natura-Tec Crystal Cream** of our manufacture, has not been tested on animals.

### **Non GMO origin**

We hereby confirm that the product **Natura-Tec Crystal Cream**

- does not contain GMO's or GMO derived components
- no GMO derived materials or processing aids are employed in the manufacture of this product.

### **Absence CMR**

It is certified that the product **Natura-Tec Crystal Cream** does not contain carcinogenic, mutagenic or reprotoxic (CMR) substances of categories 1, 2, 3 or 1A, 1B or 2 listed in regulation 1272/2008 and amendments: commission regulation (CE) n° 790/2009 and n°286/2011.

**Absence of allergens**

It is hereby certified that the product **Natura-Tec Crystal Cream** of our manufacture does not contain any of the allergens listed in Regulation (EC) No 1223/2009 (Annex III).

**Absence SVHC**

It is certified that the product **Natura-Tec Crystal Cream** of our manufacture does not contain substances identified as SVHC featuring in the "REACH candidate list" published.

The "REACH candidate list" is present on ECHA web site at the below link :

Link: [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)

**BSE statement**

We, the undersigned, certify that during the manufacturing process of our **Natura-Tec Crystal Cream**:

- No material derived from animal has been used during the manufacture, processing or packing / re-packing.
- There is no risk of cross contamination from products derived from animal during the manufacture, processing or packing / re-packing

**Absence of VOC**

We hereby confirm that the product **Natura-Tec Crystal Cream** of our manufacture, does not contain Volatile Organic Compounds.

**Absence of formol and formaldehyde**

It is hereby certified that the product **Natura-Tec Crystal Cream** of our manufacture, does not contain formol and formaldehyde

**Gluten free**

We certify that the product **Natura-Tec Crystal Cream** that we manufacture is Gluten free.

**Microbiological specification**

**Natura-Tec Crystal Cream** respects the below specifications :

- Total aerobic mesophilic bacteria < 100 cfu/g/ml
- Yeasts and molds < 100 cfu/g/ml
- Absence of pathogen micro-organisms :
  - Absence of Pseudomonas aeruginosa
  - Absence of Escherichia coli
  - Absence of Staphylococcus aureus
  - Absence of Candida albicans

**Global restriction**

Europe	No restriction
USA	No restriction
Canada	No restriction
Japan	No restriction
China	No restriction
Australia	No restriction
Korea	No restriction

Pascale Goyat  
Regulatory Affairs Manager  
Fréjus, February 2020



*This document completes the product technical and safety data sheet. Information contained in this notice are based on our current knowledge and relate to the product in the state in which it is delivered*

*This certificate does not exempt or prevent the user to test under its own responsibility the material described in the document*