

## RAW MATERIAL INFORMATION

**NATURA-TEC CANDELILLA WAX**
**Product identification**

**Manufacturer :** Natura-Tec  
**Country of origin :** France  
**Custom Tariff :** 15211000

**Manufacturing process and chemical composition**
**Manufacturing process:**

The wax is deposited on the surface of the plants Euphorbia Cerifera. The wax is extracted from the shrub, Euphorbia Cerifera, by boiling and skimming off the resultant layer of wax. The crude raw material is then twice bleached on clay and bealching earth and filtered to a light yellow color.

**Chemical composition:**

INCI/USA	INCI/EEC	CAS N°.	EINECS / ELINCS N°	Function	%
Euphorbia Cerifera (Candelilla) Wax	Euphorbia Cerifera Cera	8006-44-8	232-347-0	Consistency agent	100 %

**Impurities:**

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

**Decontamination by radioactivity**

We hereby certify that the product **Natura-Tec Candelilla Wax** 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
Euphorbia Cerifera Cera	Natural	100%	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)**

INCI/EEC	CAS N°.	EINECS / ELINCS N°	REACH-registration
Euphorbia Cerifera Cera	8006-44-8	232-347-0	Exempted Annex V

**CLP classification**

**Natura-Tec Candelilla Wax** 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	Euphorbia Cerifera Cera
Name of the vegetable (genus – species – Family))	Genus : Euphorbia Species : E. Cerifera Family : Euphorbiaceae
Part used	The plant
Geographical origin	North Mexico
Is the plant cultivated or natural?	Natural
Is it a regulated vegetable species (CITES, IUCN red list...)?	<p>Yes, is imported in accordance with the Directives of regulation 407/09 and follows the CITES rules (Convention on International Trade in Endangered Species of Wild Fauna and Flora). The CITES is an international agreement between governments signed in Washington D.C. on 1973 and coming into effect July 1, 1975.</p> <p>Its aim is to ensure that international trade in species of wild animals and plants enlisted in its Appendices does not threaten their survival.</p> <p>CITES is one of the most important international agreements of biodiversity conservation since its guidelines are incorporated in the national legislation of the signatory countries.</p> <p>Mexico is part of the CITES since 1991.</p>

## Storage conditions

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

## Toxicological data

From information available, **Natura-Tec Candelilla Wax** is non-toxic under normal conditions of use.

### Bibliographic data:

[www.cosmeticsinfo.org](http://www.cosmeticsinfo.org)

The safety of Candelilla Wax has been assessed by the Cosmetic Ingredient Review (CIR) Expert Panel. The CIR Expert Panel evaluated the scientific data and concluded that Euphorbia Cerifera (Candelilla) Wax was safe for use in cosmetics and personal care products.

In 2003, the CIR Expert Panel considered available new data on this ingredient and reaffirmed the above conclusion.

CIR Safety Review: The CIR Expert Panel reviewed the safety data on Candelilla Wax and noted that this ingredient produced no toxicity in acute or subchronic studies and were not mutagenic when tested with and without metabolic activation on microorganisms.

In skin irritation tests, this ingredient at high concentrations resulted in mild irritation while products containing this ingredient caused no irritation. When tested alone Candelilla Wax was not irritating to the eyes. In clinical studies, products containing Candelilla Wax were practically nonirritating in 21-day cumulative patch tests, and repeat insult patch tests.

The Joint FAO/WHO Expert Committee on Food Additives has not limited the daily intake of Candelilla Wax, and based on the long history of use and lack of toxicity observed with the major components of this ingredient concluded that there is no safety concern at the predicted dietary exposure (less than 650 mg/person/day).

## Regulatory information - Certificates

### Cosmetic directive compliance

In conformance to the Regulation (EC) No 1223/2009 in respect to the use in cosmetic products, **Natura-Tec Candelilla Wax** is exempted of prohibited substances (Annex II) and restricted substances (Annex III). **Natura-Tec Candelilla Wax** is exempted of Phtalates, nonylphenol, alkylphenols, phenol, nitrosamines, glycol ethers.

### Non GMO origin

We hereby confirm that the product **Natura-Tec Candelilla Wax** of our manufacture

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

### BSE/TSE declaration

We confirm that the product **Natura-Tec Candelilla Wax** of our manufacture is not from cattle, sheep or goat origin and no BSE/TSE derived materials or processing aids are employed in the manufacture of this product.

### Non animal testing

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

#### **Absence CMR**

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

#### **SVHC declaration**

It is certified that the product **Natura-Tec Candelilla Wax** 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 and has been updated in June, 2018.

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)

#### **NOAEL**

The product **Natura-Tec Candelilla Wax** of our manufacture meets the Cosmetic European Directive and no-observed-adverse-effect-level (NOAEL) have been reported after a wide use in the cosmetic industry for more than 10 years. Based on in-vivo uses our **Natura-Tec Candelilla Wax** has been identified non toxic under normal condition of use.

#### **Solvent free**

We certify that the product **Natura-Tec Candelilla Wax** that we manufacture is solvent free.

#### **Gluten free**

We certify that the product **Natura-Tec Candelilla Wax** that we manufacture is gluten free.

#### **Nanomaterial free declaration**

We hereby confirm that our **Natura-Tec Candelilla Wax** does not contain nanomaterials.

#### **Traces of prohibited substances**

We hereby confirm that the presence of a small quantity of prohibited substances originating from starting materials, the manufacturing process, storage and migration from packaging is technically unavoidable in the good manufacturing process of our product **Natura-Tec Candelilla Wax**.

#### **Vegan suitable**

We hereby confirm that our **Natura-Tec Candelilla Wax** complies with vegan requirements.

Our **Natura-Tec Candelilla Wax** is not produced from any animal derived ingredients and have not been tested on animals.

Veganism is a way of living which seeks to exclude, as far as is possible and practicable, all forms of exploitation of, and cruelty to, animals for food, clothing or any other purpose.

#### **FOOD Compliance**

We hereby confirm that our **Natura-Tec Candelilla Wax** complies with :

- FDA approved, GRAS for food applications under regulations 175.105, 175.320, 176.180, 184.1976.
- Food Chemicals Codex, 5th Edition (FCC).
- Japan's Specifications and Standards for Food Additives, (JSFA, 7th Edition).

## Global restriction

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

Regulatory Affairs Manager: Pascale Goyat p.o. Lucie Brun  
 Fréjus, December 2018



*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*