

RAW MATERIAL INFORMATION

NATURA-TEC EMULACTIVE™ W

Product identification

Manufacturer : Natura-Tec

Country of origin : France

Custom Tariff : 29157050

Manufacturing process and chemical composition

Manufacturing process:

The manufacturing process consists of the combination of Cetearyl Alcohol, Glyceryl Stearate and Potassium Palmitoyl Hydrolyzed Wheat Protein. This is carried out at approximately 60°C under nitrogen atmosphere. After QC control, the complex is cooled and filtered on a paper filter of 10µm and finally the product is pelletized and then run into the packaging.

Chemical composition:

INCI/USA	INCI/EEC	CAS No.	EINECS / ELINCS No.	Function	%
Cetearyl Alcohol	Cetearyl Alcohol	67762-27-0	267-008-6		>50%
Glyceryl Stearate	Glyceryl Stearate	31566-31-1/85251-77-0	250-705-4/286-490-9		10 – 24,99%
Potassium Palmitoyl Hydrolyzed Wheat Protein	Potassium Palmitoyl Hydrolyzed Wheat Protein	222400-39-7	----		10 – 24,99%

In conformance with Regulation (EU) 2017/2228, that amends annex III of regulation (EC) No 1223/2009, we guarantee that the maximum molecular weight average of the peptides in hydrolysates is of 3,5 kDa.

Impurities:

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

Decontamination by radioactivity

We hereby certify that the product **Natura-Tec Emulactive W** 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
Cetearyl Alcohol	Derived natural	>50%	0	1	0	0
Glyceryl Stearate	Derived natural	10 – 24,99%	0	1	0	0
Potassium Palmitoyl Hydrolyzed Wheat Protein	Derived natural	10 – 24,99%	0	1	0	0
Natural origin content %*	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 status
Reach (CE regulation n°1907/2006)

Reach status of the chemical substances contain in our Natura-Tec Emulactive W

Chemical name	%	CAS No.	EINECS / ELINCS No.	Registration
Hexadecan-1-ol	10 – 30 %	36653-82-4	253-149-0	01-2119485905-24-XXXX
Octadecan-1-ol	10 – 30 %	112-92-5	204-017-6	01-2119485907-20-XXXX
Glycerides, C16-18 mono- and di-	10 – 24,99%	85251-77-0	286-490-9	01-2119495562-30-XXXX
Potassium Palmitoyl Hydrolyzed Wheat Protein	10 – 24,99%	222400-39-7	----	Exempted as polymer

Ingredient of vegetable origin

General description of the vegetable		
INCI name of the ingredient of vegetable origin	Cetearyl Alcohol, Glyceryl Stearate	Potassium Palmitoyl Hydrolyzed Wheat Protein
Name of the vegetable (genus – species)	Genus : Elaeis Species : Guineensis Family : Arecaceae	Genus: Triticum Species: T. Vulgare Family: Poaceae
Part used	Fruit	Germ
Geographical origin	Asia	Italy, Russia
Is the plant cultivated or natural?	cultivated	cultivated
Is it a regulated vegetal species?	Origin of Cetearyl Alcohol and Glyceryl Stearate comply with the Roundtable on Sustainable Palm oil (RSPO) criteria and are certified as Mass Balance following the supply chain model assessment.	No

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

Storage conditions

Packaging	Bags, 25 kg net
Storage	Store at 25°C in original unopened packaging
Shelf life	24 months in original unopened packaging

Toxicological data

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

Bibliographic data on the individual ingredients

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.

Glyceryl Stearate

The Food and Drug Administration (FDA) includes Glyceryl Stearate (also called glyceryl monostearate) in its list of direct food additives affirmed as Generally Recognized as Safe (GRAS).

The safety of Glyceryl Stearate and Glyceryl Stearate SE has been assessed by the Cosmetic Ingredient Review (CIR) Expert Panel. The CIR Expert Panel evaluated the scientific data and concluded that Glyceryl Stearate and Glyceryl Stearate SE were safe for use in cosmetics and personal care products

Potassium Palmitoyl Hydrolyzed Wheat Protein

From information available, this substance is non-toxic under normal conditions and is not classified in EEC listing. Hydrolyzed wheat protein is known to be not irritant for the skin

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 Emulactive W** is exempted of prohibited substances (Annex II) and restricted substances (Annex III). **Natura-Tec Emulactive W** is exempted of phthalates, nonylphenol, alkylphenols, phenol, nitrosamines, glycol ethers.

Non animal testing

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

Non GMO origin

We hereby confirm that the product **Natura-Tec Emulactive W** does not contain ingredients from genetically modified organisms in accordance with EC Regulations 1829/2003 and 1830/2003.

Absence CMR

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

BSE statement

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

- 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 additives

We hereby confirm that the product **Natura-Tec Emulactive W** does not contain additives.

Microbiological statement

Natura-Tec Emulactive W respects the below specifications:

- Bacteria specification < 100 cfu/g/ml
- Yeasts and molds specification <10 cfu/g/ml
- Absence of pathogen micro-organisms:
 - Absence of *Pseudomonas aeruginosa*
 - Absence of *Escherichia coli*
 - Absence of *Staphylococcus aureus*
 - Absence of *Enterococcus faecium* and *Enterococcus faecalis*
 - Absence of *Candida albicans*

Proposition 65 compliance

We hereby certify that our **Natura-Tec Emulactive W** does not contain any substances listed in the proposition 65.

Absence SVHC

It is certified that the product **Natura-Tec Emulactive W** 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

Absence of dyes, Silicones, parabens, mineral oils, gluten, lactose

We hereby confirm that our **Natura-Tec Emulactive W** does not contain dyes, silicones, parabens, mineral oils, gluten, lactose

Vegan compliance

the product **Natura-Tec Emulactive W** of our company has been manufactured in conformity to the following conditions:

- Does not contain any sort of human or animal derived substances and has not been produced with none of these substances.
 - We guarantee that our **Natura-Tec Emulactive W** has never been in contact with animal derived substances.
 - All through the production, filling, storing packaging and transport processes the product is separated from any sort of animal-derived substances.
 - Also, our **Natura-Tec Emulactive W** has never been tested on animals
- Our **Natura-Tec Emulactive W** is then in compliance with the VEGAN philosophy.

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, April 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