

Europe INCI name:	Sesamum Indicum Seed Oil (and) Tyrosine (and) Calophyllum Inophyllum Seed Oil (and) Glyceryl Stearate
USA INCI name:	Sesamum Indicum (Sesame) Seed Oil (and) Tyrosine (and) Calophyllum Inophyllum Seed Oil (and) Glyceryl Stearate
Description:	Fat-dispersible tyrosine obtained by the patented oléo-éco-extraction process with sesame and calophyllum oils
Additive:	None
Use:	Cosmetic

Characteristic	Inspection method	Specification	Unit
Aspect at 20°C	Internal test	Homogeneous, creamy	-
Color	Internal test	Yellow to yellow-green	-
Olfactory profile	Internal test	Slightly fatty (low odor)	-
Relative density at 20°C	Internal test	0.900-0.990	-
Volatile and water content	NF EN ISO 662	≤ 0.40	%
Peroxide value	Internal test	≤ 15.0	meqO ₂ /kg
Tyrosine content	Internal test	≥ 8.0	%
Microbiology			
Mesophilic aerobic counts	NF EN ISO 21149 / NF ISO 16212	< 100	CFU/g
Coagulase positive staphylococci	NF EN ISO 22718	Absence	CFU/g
Pseudomonas aeruginosa	NF EN ISO 22717	Absence	CFU/g
Candida albicans	NF EN ISO 18416	Absence	CFU/g
Escherichia coli (b-Glucuronidase +)	NF EN ISO 21150	Absence	CFU/g

Notes

Appearance, color and odor criteria are subject to variability inherent to plant seasonality.

Solubility : Dispersible in oils and fats and non-soluble in water

Peroxide value: Specification according to the CODEX ALIMENTARIUS Standard STAN 19-1981 (2015)

Due to its composition, the aspect of the product may be different depending on the storage temperature. Before use, it is recommended to heat the product around 60-70°C and mix, to homogenize it.

Storage and packing

- The product is packed in aluminum or plastic food quality cans (PE), under nitrogen before closing. These cans do not contain hazardous products and are recyclable.
- The packing is protected and identified with the following labeling mentions: denomination of the product, batch number, net weight, best before date.



Conditions of use and storage

- Homogenize before use.
- Recommended storage conditions: this product is packed under nitrogen, in an airtight and opaque packing to protect from air, light and humidity. To ensure its shelf life, it is recommended to store the product in the original sealed packing in a cool place (<15°C) away from high temperatures.



Registration

Name of the substance	Europe INCI name	USA INCI name	CAS number	EC number	Origin
Sesame deodorized oil	Sesamum Indicum Seed Oil	Sesamum Indicum (Sesame) Seed Oil	8008-74-0	232-370-6	Vegetal
L-tyrosine	Tyrosine	Tyrosine	556-02-5 / 556-03-6 / 60-18-4	209-112-6 / 209-113-1 / 200-460-4	Natural
Virgin calophyllum oil	Calophyllum Inophyllum Seed Oil	Calophyllum Inophyllum Seed Oil	/	/	Vegetal
Glyceryl stearate	Glyceryl Stearate	Glyceryl Stearate	31566-31-1	250-705-4/ 286-490-9	Natural