

	Dossier technique et réglementaire / <i>technical and regularoty document</i> <b>HUILE DE TOURNESOL RAFFINEE BIOLOGIQUE*</b>	Juin 2022 / <i>Juin 2022</i>
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INCI: **Helianthus annuus seed oil**  
N° CAS: 8001-21-6  
N°EINECS/ELINCS: 232-273-9



**DESCRIPTION / DESCRIPTION:**

Liquide limpide, jaune clair à jaune foncé / *Clear liquid, light yellow to dark yellow*

\*Matière première issue de l'Agriculture Biologique certifiée par Ecocert FR-BIO-01 / *\*Raw material from "Agriculture Biologique" certified by Ecocert FR-BIO-01*

**CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:**

CARACTERISTIQUES	SPECIFICATIONS	METHODES / METHODS
Densité à 20°C / <i>Density at 20°C</i>	0.919 – 0.925 g/cm <sup>3</sup>	Ph. Eur 2.2.5
Indice de réfraction à 20°C / <i>Refractive index at 20°C</i>	Environ / <i>about</i> 1.475	-
Indice d'acide / <i>Acid value</i>	≤ 0,6 mg KOH /g	Ph. Eur 2.5.1
Indice de peroxyde / <i>Peroxide index</i>	≤ 10 meq O <sub>2</sub> / kg	Ph. Eur 2.5.5
Insaponifiable / <i>Unsaponifiable</i>	≤ 1,5 % (m/m)	Ph. Eur 2.5.7
<b>Composition en acides gras / <i>Fatty acid composition</i></b>		
C 16: 0 Acide palmitique / <i>Palmitic acid</i>	4 – 9 %	Ph. Eur 2.4.22
C 16: 1 Acide palmitoléique / <i>Palmitoleic acid</i>	≤ 1 %	Ph. Eur 2.4.22
C 18: 0 Acide stéarique / <i>stearic acid</i>	1 – 7 %	Ph. Eur 2.4.22
C 18: 1 Acide oléique / <i>Oleic acid</i>	14 – 40 %	Ph. Eur 2.4.22
C 18: 2 Acide linoléique / <i>linoleic acid</i>	48 – 74 %	Ph. Eur 2.4.22
C 18: 3 Acide linoléique / <i>linolenic acid</i>	≤ 2 %	Ph. Eur 2.4.22
C20 : 0 Acide arachidique / <i>Arachidic acid</i>	≤ 1 %	Ph. Eur 2.4.22
C 22: 0 Acide béhénique / <i>Behenic acid</i>	≤ 2 %	Ph. Eur 2.4.22
Autres / <i>Others</i>	≤ 2 %	Ph. Eur 2.4.22

**Ces éléments seront repris sur nos BA / *these elements will be on our CoA***

**Ces caractéristiques sont conformes aux précédentes spécifications datées de Janvier 2010 / *These features are in accordance with previous specifications dated on January 2010***

**CARACTERISTIQUES A TITRE D'INFORMATION / *ADDITIONAL INFORMATION:***

Insoluble dans l'eau et l'éthanol (96%), soluble à l'éther, à l'éther de pétrole et aux solutions lipophiles / *Insoluble in water and (96 %) ethanol, soluble in lipophilic solutions, ether and petroleum ether*

Point éclair / *Flash point:* > 285°C

Point de fusion / *Melting point:* Environ -16 à -18°C / *about -16 to 18°C*

**APPLICATIONS :**

Alimentaire, Cosmétique, Pharma / *Food, Cosmetic, Pharma*

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**CONDITIONNEMENT STANDARD / STANDARD PACKAGING:**

Fût de 190 kg, bidon de 27 kg / *Drum of 190 kg, can of 27 kg*

Matière première non classifiée comme substance dangereuse (voir fiche de données de sécurité) / *Raw material not classified as dangerous substance (see safety data sheet)*

A conserver dans un récipient bien rempli, à l'abri de la lumière et de la chaleur / *Store in a well-filled, well-closed container, protected from light and heat*

<b>Additives</b>	Doesn't contain additives, antioxidants. The presence of formol, formol releasers, sulfates is not expected but not analyzed
<b>Allergen</b>	This product doesn't contain neither food allergen regulation 1169/2011 nor cosmetic allergen regulation 1223/2009
<b>Animal Testing</b>	Has not been tested on animals
<b>BSE - Bovine Spongiform Encephalopathy</b>	No risk for BSE
<b>California Prop 65</b>	This product (CAS: 8001-21-6) is not listed
<b>Carcinogenic, Mutagenic and Reprotoxic (CMR)</b>	Doesn't contain substances or traces of substances CMR according to Annex VI of Directive CE 1272/2008
<b>Composition</b>	100% Helianthus annuus seed oil
<b>Cosmetic</b>	This product does not contain substances classified as sensitizers according to cosmetic regulation 1223/2009/EEC, annex II and IV as ingredient
<b>Cosmos / Ecocert</b>	This raw material from "Agriculture Biologique" is certified by Ecocert FR-BIO-01
<b>Danger</b>	This product is not classified as dangerous in accordance with CLP and ADR
<b>Dioxane</b>	<i>No data available</i>
<b>Ecolabel</b>	<i>No data available</i>
<b>European Pharmacopeia</b>	<i>No data available</i>
<b>Food</b>	Is a food grade product
<b>Genetically Modified Organisms (GMO)</b>	Doesn't contain GMO
<b>Inventories</b>	Compliant with China IECSC, USA TSCA, New Zealand NZIoC, Korea KECI, Philippines PICCS, Australia AICS, Canada DSL
<b>Geographic origin (for plant)</b>	Flower (fam. Asteraceae) from Europe, cultivated by the Indians. The seeds contain between 40 to 65 % of oil
<b>Glycol ether</b>	The presence of Glycol ether is not expected but not analyzed
<b>Halal</b>	<i>No data available</i>
<b>Heavy Metals</b>	Complies with European regulation 1881/2006 on the fixing of maximum levels
<b>HS code</b>	15121990
<b>Irradiation / ionization</b>	Has not been irradiated or ionized
<b>Kosher</b>	<i>No data available</i>
<b>Latex</b>	Doesn't contain latex
<b>Manufacturing location</b>	Europe
<b>Microbiological data</b>	Are not favorable to microbiological development. The oils are deodorized (180-250°C) during the refining process, which effectively eliminates microbiological activity. The water content (typically less than 0.5%) is low and provides an environment that is not suitable for microorganisms (total aerobic: < 1000 cfu/g, absence of pathogens germs in 1 g)

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<b>Nanomaterials</b>	Doesn't contain nanomaterials as ingredient
<b>Nutritional data</b>	Nutritional informations (for 100g): Caloric value: 3700 KJ (900Kcal), Proteins:0g, Glucides:0g, Lipids (fatty acids): 100g, saturated:11g, Mono-saturated: 32g, polyunsaturated: 57g, salt:0g
<b>Origin</b>	100% vegetable
<b>Pesticide</b>	Complies with European Regulation EC 396/2005 on the presence of pesticides in products of plant and animal origin
<b>Phthalate</b>	The presence of phthalates ether is not expected but not analyzed
<b>Preservative</b>	Doesn't contain preservatives
<b>Process</b>	Physical refining
<b>REACH</b>	Exempt of obligation according to Annex II, n° 9 of EC Regulation n° 987/2008 of the Commission amending REACH Regulation EC No 1907/2006, annexes IV and V
<b>Residual Solvents</b>	Doesn't contain residual solvents
<b>RSPO</b>	Doesn't contain palm oil – Not concerned
<b>Shelf Life</b>	12 months
<b>Substances of Very High Concern (SVHC)</b>	Doesn't contain SVHC according to Annex XIV of the regulation REACH as ingredient
<b>Volatiles organic compounds (VOC)</b>	Doesn't contain VOC beyond the authorized limits (because of the ambient pollution, it is impossible to exclude a possible contamination at the level of traces)

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Ce document annule et remplace tous documents techniques et réglementaires précédents / *This document cancels and replaces all technical and regulatory previous documents.*