

	Dossier technique et réglementaire / <i>technical and regulatory document</i> HUILE DE TOURNESOL RAFFINEE BIOLOGIQUE*	Juillet 2018 / <i>July 2018</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 ³	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 ₂ / kg	Ph. Eur 2.5.5
Insaponifiable / <i>Unsaponifiable</i>	≤ 1,5 % (m/m)	Ph. Eur 2.5.7
Composition en acides gras / Fatty acid composition		
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 linolénique / <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 / Others	≤ 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*

Additives	Doesn't contain additives, antioxidants. The presence of formol, formol releasers, sulfates is not expected but not analyzed
Allergen	<i>No data available</i>
Animal Testing	Has not been tested on animals
BSE - Bovine Spongiform Encephalopathy	No risk for BSE
California Prop 65	This product (CAS: 8001-21-6) is not listed
Carcinogenic, Mutagenic and Reprotoxic (CMR)	Doesn't contain substances or traces of substances CMR according to Annex VI of Directive CE 1272/2008
Composition	100% Helianthus annuus seed oil
Cosmetic	This product does not contain substances classified as sensitizers according to cosmetic regulation 1223/2009/EEC, annex II and IV as ingredient
Cosmos / Ecocert	This raw material from "Agriculture Biologique" is certified by Ecocert FR-BIO-01
Danger	This product is not classified as dangerous in accordance with CLP and ADR
Dioxane	<i>No data available</i>
Ecolabel	<i>No data available</i>
European Pharmacopeia	<i>No data available</i>
Food	Is a food grade product
Genetically Modified Organisms (GMO)	Doesn't contain GMO
Inventories	Compliant with China IECSC, USA TSCA, New Zealand NZIoC, Korea KECI, Philippines PICCS, Australia AICS, Canada DSL
Geographic origin (for plant)	Flower (fam. Asteraceae) from Europe, cultivated by the Indians. The seeds contain between 40 to 65 % of oil
Glycol ether	The presence of Glycol ether is not expected but not analyzed
Halal	<i>No data available</i>
Heavy Metals	Complies with European regulation 1881/2006 on the fixing of maximum levels
HS code	15121990
Irradiation / ionization	Has not been irradiated or ionized
Kosher	<i>No data available</i>
Latex	Doesn't contain latex
Manufacturing location	Europe
Microbiological data	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)
Nanomaterials	Doesn't contain nanomaterials as ingredient

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Nutritional data	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
Origin	100% vegetable
Pesticide	Complies with European Regulation EC 396/2005 on the presence of pesticides in products of plant and animal origin
Phthalate	The presence of phthalates ether is not expected but not analyzed
Preservative	Doesn't contain preservatives
Process	Physical refining
REACH	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
Residual Solvents	Doesn't contain residual solvents
RSPO	Doesn't contain palm oil – Not concerned
Shelf Life	12 months
Substances of Very High Concern (SVHC)	Doesn't contain SVHC according to Annex XIV of the regulation REACH as ingredient
Volatiles organic compounds (VOC)	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 cancel and replace all technical and regulatory previous documents.*