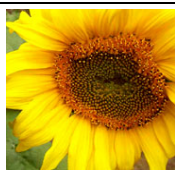


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INCI: **Helianthus annuus seed oil**
N°CAS: 8001-21-6
N°EINECS/ELINCS: 232-273-9

DESCRIPTION / DESCRIPTION:

L'huile de tournesol raffinée est une huile grasse obtenue à partir des graines de *Helianthus Annuus* L. par pression ou par extraction, suivie d'un raffinage. Un antioxydant approprié peut être ajouté. Liquide limpide, jaune clair / *Refined sunflower oil is a greasy oil obtained from Halianthus Annuus seeds L. by pressing or extraction, followed by refining. An appropriate antioxidant can be added. Colourless, clear yellow liquid*

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:

CARACTERISTIQUES	SPECIFICATIONS	METHODES / METHODS
Aspect	Liquide limpide jaune clair / <i>Colourless, clear yellow liquid</i>	Visuel / <i>Visual</i>
Indice d'acide / <i>Acid value</i>	≤ 0.5 mg KOH/g	ISO 660 : 1999
Indice de peroxyde à la fabrication / <i>Peroxide value at manufacturing</i>	≤ 10 meqO ₂ /kg	ISO 3960 :2007
<u>Composition en acides gras / <i>Fatty acids composition</i></u>		ISO 12966-2 & ISO 12966-4
C 16 : 0 Acide palmitique / <i>Palmitic acid</i>	4 – 9 %	
C 18 : 0 Acide stéarique / <i>Stearic acid</i>	1 – 7 %	
C 18 : 1 Acide oléique / <i>Oleic acid</i>	14 – 40 %	
C 18 : 2 Acide linoléique / <i>Linoleic acid</i>	48 – 74 %	
C 18 : 3 Acide linoléique / <i>Linolenic acid</i>	≤ 1 %	

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

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

Pratiquement insoluble dans l'eau et dans l'alcool, miscible à l'éther de pétrole / *Practically insoluble in water and alcohol, miscible with ether petroleum*

Densité : environ 0.921 / *Density : about 0.921g/l*

Indice de réfraction : environ 1.474 / *Refractive index : about 1.474*

Couleur rouge Lov. 5 1/4" / *Red color Lov. 5 1/4": ≤ 1.5 (ISO 15305)*

Couleur jaune Lov. 5 1/4" / *Yellow color Lov. 5 1/4": ≤ 15 (ISO 15305)*

Ce produit est végétalien / *This product is vegan*

APPLICATIONS :

Ingrédients d'alimentation et de nutrition, intermédiaires pour la production de différents produits (par exemple, des émulsifiants et du biodiesel) et de composants de mélanges (par exemple les supports d'additifs et bougies) / *Feeding and nutrition ingredients, intermediates for the production of different products (eg emulsifiers and biodiesel) and blending components (eg additive carriers and candles)*

CONDITIONNEMENT STANDARD / STANDARD PACKAGING :

Tonnelet 50 kg, fût de 190 kg, IBC 900 kg / *50 kg keg, 190 kg drum, 900 kg IBC*

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 en récipient étanche et bien rempli, à l'abri de la lumière et de la chaleur / *Store in a tight, well-filled container, protected from light and heat*

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Additives	This product may contain citric acid (E330)
Allergen	There is no presence of allergens according to EU regulation 1169/2011 and its amendments
Animal Testing	<i>No data available</i>
BSE - Bovine Spongiform Encephalopathy	No risk
California Prop 65	This product (CAS: 8001-21-6) is not listed
Carcinogenic, Mutagenic and Reprotoxic (CMR)	<i>No data available</i>
Composition	Sunflower oil, may contain sequestrant: citric acid E330 (typical 25 mg/kg)
Cosmetic	This product can be used in cosmetics
Cosmos / Ecocert	Not accepted by COSMOS because crude oil is extracted by hexane
Danger	This product is not classified as dangerous according to 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 and complies with all current and relevant EU food legislation
Genetically Modified Organisms (GMO)	There is no labeling and traceability requirement according (EC) legislation No 1829/2003 and 1830/2003
Inventories	Compliant with China IECSC, USA TSCA, New Zealand NZIoC, Taiwan TCSI, Korea KECI, Philippines PICCS, Australia AICS, Canada DSL
Geographic origin (for plant)	Romania, Russia, Ukraine, Hungary, Austria, France, Spain, Poland, Slovakia, Serbia, Czech Republic, Moldavia, Germany, Bulgaria and Argentina
Glycol ether	<i>No data available</i>
Halal	The factory is Halal certified
Heavy Metals	Arsenic ≤ 0.1 mg/kg, Cadmium ≤ 0.02 mg/kg, copper ≤ 0.05 mg/kg, iron ≤ 0.5 mg/kg, Mercury ≤ 0.02 mg/kg, Lead ≤ 0.1 mg/kg according to regulation EC 1881/2006
HS code	<i>No data available</i>
Irradiation / ionization	There is no ionization and gamma irradiation treatment in this product
Kosher	Kosher certified
Latex	<i>No data available</i>
Manufacturing location	Germany, Belgium, Netherlands, United Kingdom, France, Spain
Microbiological data	This product does not support microbial growth due to his low water activity (standard moisture and volatile materials do not exceed 0.1% for finished vegetable oils). In the final processing step this product is deodorized according to FEDIOL Code of practice (180°C for min 2 hours), which effectively eliminates microorganisms
Nanomaterials	<i>No data available</i>
Nutritional data	Typical /100g : Energy = 700 kJ (900 kcal) / Fat =100 g Of which saturates = 11 g / Of which mono-unsaturated (cis) = 28 g / Of which polyunsaturated (cis) = 60 g / Carbohydrate = 0 g / Of which sugars = 0 g / Protein = 0 g / Salt = 0 g The nutritional values are in accordance with regulation (EU) n°1169/2011 and its amendments on food information to consumers
Origin	100% vegetable - sunflower
Pesticide	<i>No data available</i>
Phthalate	<i>No data available</i>
Preservative	This product may contain citric acid E330
Process	Crude oil is extracted by hexane from seeds. Hexane is removed from oil. Crude oil then is refined, winterized, bleached and deodorized. Citric acid may be added as chelating agent during deodorization step.

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REACH	This product is exempted from Reach registration article 2(5)b of regulation (CE) n°1907/2006 and article 2(7)a of regulation (CE) N° 1907/2006
Residual Solvents	<i>No data available</i>
RSPO	This product doesn't contain palm – not concerned
Shelf Life before re-check	1 year
Substances of Very High Concern (SVHC)	<i>No data available</i>
Volatiles organic compounds (VOC)	<i>No data available</i>

----- **END**

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