

	Dossier technique et réglementaire / <i>Technical and regulatory document</i> HUILE DE TOURNESOL OLEIQUE RAFFINEE	Avril 2020 / <i>April 2020</i>
	INCI: Helianthus annuus hybrid oil N°CAS: 164250-88-8 N°EINECS/ELINCS: -	

DESCRIPTION / DESCRIPTION:

Huile obtenue à partir des graines de *Helianthus Annuus* par pression ou par extraction, suivie d'un raffinage /
Oil obtained from Helianthus Annuus seeds by pressing or extraction, followed by refining
Liquide jaune clair / *Clear yellow liquid*

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:

CARACTERISTIQUES	SPECIFICATIONS	METHODES / METHODS
Aspect	Liquide limpide jaune clair / <i>Colourless, clear yellow liquid</i>	Visuelle / <i>Visual</i>
Acide gras libre / <i>Free Fatty Acids</i>	≤ 0.1%	ISO 660
Indice de peroxyde / <i>Peroxide value</i>	≤ 1 meqO ₂ /kg	ISO 3960
Couleur rouge / <i>Color red</i>	≤ 1.5	ISO 15305
Couleur jaune / <i>Color yellow</i>	≤ 15	ISO 15305
<u>Composition en acides gras / <i>Fatty acids composition</i></u>		ISO 12966
C 16 : 0 Acide palmitique / <i>Palmitic acid</i>	2 – 5 %	
C 18 : 0 Acide stéarique / <i>Stearic acid</i>	2 - 5 %	
C 18 : 1 Acide oléique / <i>Oleic acid</i>	75 - 90 %	
C 18 : 2 Acide linoléique / <i>Linoleic acid</i>	3.5 – 14 %	
C 18 : 3 Acide linolénique / <i>Linolenic acid</i>	≤ 0.3 %	

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

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

Teneur en humidité / *Moisture content* (Karl Fisher): 0.05 % (ISO 8534)

Viscosité à 20°C / *Viscosity at 20°C* : ~80 mPas

Densité à 20°C / *Density at 20°C*: 909 – 915 kg /m³

Indice de réfraction n_{D25} / *Refractive index n_{D25}*: 1.467 – 1.471

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*

Additives	This product 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	<i>No data available</i>

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Encephalopathy	
California Prop 65	This product (CAS: 8001-21-6) is not listed
Carcinogenic, Mutagenic and Reprotoxic (CMR)	<i>No data available</i>
Composition	High oleic sunflower oil, sequestrant: citric acid E330 (typical 25 mg/kg)
Cosmetic	<i>No data available</i>
Cosmos / Ecocert	<i>No data available</i>
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, except for products containing GM soybean oil
Inventories	Compliant with China IECSC, USA TSCA, New Zealand NZIoC, Taiwan TCSI, Korea KECI, Philippines PICCS, Australia AICS, Canada DSL
Geographic origin (for plant)	Roumania, France, Spain, Russia, Ukraine, Hungary, Bulgaria and Slovakia
Glycol ether	<i>No data available</i>
Halal	The factory of this product 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	The factory of this product is Kosher certified
Latex	<i>No data available</i>
Manufacturing location	Belgium, 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 = 3700 kJ/ 900 kcal ; Fat = 100 g ; Of which saturates = 9 g ; Of which mono-unsaturated (cis) = 83 g ; Of which polyunsaturated (cis) = 7.5 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 contains citric acid E330 (typical 25 mg/kg)
Process	This product is refined, winterized, bleached and deodorised
REACH	This product is exempted from Reach registration article 2(5)b 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	<i>No data available</i>
Substances of Very High Concern (SVHC)	<i>No data available</i>
Volatiles organic compounds (VOC)	<i>No data available</i>

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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.*