

	Dossier technique et réglementaire / <i>technical and regulatory document</i> HUILE DE TOURNESOL OLEIQUE RAFFINEE	Juin 2018 / <i>Juin 2018</i>
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INCI: **Helianthus annuus seed oil**
N° CAS: 8001-21-6
N°EINECS/ELINCS: 232-273-9

DESCRIPTION / *DESCRIPTION:*

Huile obtenue à partir des graines de Helianthus Annuus par pression ou par extraction, suivies d'un raffinage /
Oil obtained from seeds of Helianthus Annuus by pressure or extraction, followed by refining

CARACTERISTIQUES GARANTIES / *GUARANTEED SPECIFICATIONS:*

CARACTERISTIQUES	SPECIFICATIONS	METHODES / <i>METHODS</i>
Acides gras libres / <i>Free fatty acids</i>	≤ 0.1 %	ISO 660
Indice de peroxyde / <i>peroxyde value</i>	≤ 10 meq O ₂ /kg	ISO 3960
Couleur rouge / <i>Colour red</i> Lov. 5 ¼ "	≤ 1.5	ISO 15305
Couleur jaune / <i>Colour yellow</i> Lov. 5 ¼ "	≤ 15	ISO 15305
16:0 Acide palmitique / <i>Palmitic acid</i>	2-7 %	ISO 12966
18:0 Acide stéarique / <i>Stearic acid</i>	≤ 7 %	
18:1 Acide oléique / <i>Oleic acid</i>	≥ 75 %	
18:2 Acide linoléique / <i>Linoleic acid</i>	3.5-16 %	
18:3 Acide linolénique / <i>Linolenic acid</i>	≤ 2 %	
Autres acide gras / <i>Others fatty acid</i>	≤ 2 %	

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

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

Liquide limpide jaune clair / *Clear Yellow liquid*

Pratiquement insoluble dans l'eau, miscible à l'éther et à l'éthanol / *practically insoluble in water, miscible with ether and ethanol*

Indice de Réfraction / *Refractive index (20°C):* 1.467 – 1.471

Densité / *density (20°C):* 909 – 915 kg/cm³

Point éclair / *Flash point:* ≈ 300°C

Viscosité (20°C) / *Viscosity:* ≈ 80 mPa.s

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

Essai à froid (5.5h à 0°C) / *cold test (5.5h at 0°C):* passed (AOCS Cc-11-53)

Conforme aux exigences Vegan / *Conform with Vegan requirements*

APPLICATIONS :

Alimentaire / *Food*

CONDITIONNEMENT STANDARD / *STANDARD PACKAGING:*

IBC 900 kg - Fût de 180kg – tonnelet 25 kg / *IBC 900kg - drum of 190 Kg – Keg of 25 kg*

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Additives	This product may content citric acid (E330) as sequestrant. Free from alcohols and not a source of phenylalanine
Allergen	There is no presence of food allergens according to EU regulation 1169/2011 and its amendments
Animal Testing	<i>No data available</i>
BSE - Bovine Spongiform Encephalopathy	This product is not derived from animal – No risk of BSE
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, may contain a sequestrant: citric acid E330 (25mg/kg)
Cosmetic	<i>No data available</i>
Cosmos / Ecocert	<i>No data available</i>
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	This product complies with all current and relevant EU food legislation but doesn't fulfill all requirements for infant food nutrition
Genetically Modified Organisms (GMO)	This product is not from GMO origin and there are no labeling and traceability requirement according (EC) legislations No 1829/2003 and 1830/2003, except for products containing GM soybean oil
Inventories	Compliant with China IECSC, USA TSCA, New Zealand NZIoC, Korea KECI, Philippines PICCS, Australia AICS, Canada DSL
Geographic origin (for plant)	<i>No data available</i>
glycol ether	<i>No data available</i>
Halal	The factory is halal certified
Heavy Metals	As: max 0.1mg/kg, Cd: max 0.02 mg/kg, Cu: max 0.05 mg/kg, Fe: max 0.5 mg/kg, Hg: max 0.02 mg/kg Pb: max 0.1 mg/kg
HS code	<i>No data available</i>
Irradiation / ionization	This product has not been irradiated
Kosher	The factory is kosher certified
Latex	<i>No data available</i>
Manufacturing location	Belgium, France, Spain
Microbiological data	This product doesn't 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 the oils and fats are deodorized according to FEDIOL Code of practice (min 180°C for min 2 hrs), which effectively eliminates microorganisms. Following that step pre-requisite programs are in place to prevent re-contamination. Controls are focused on procedural controls and monitoring in place, since currently there are also no validated microbiological test methods available for oils and fats. By using that preventive approach the safety of the oils and fats is ensured complying with regulation (EC) 178/2002
Nanomaterials	<i>No data available</i>

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Nutritional data	The nutritional values are in accordance with regulation (EU) n°1169/2011 and its amendments on food information to consume Typical / 100 g / Typical /100ml : Energy: 3700 kJ Energy: 3404ml Energy: 900 kcal Energy: 800kcal Fat: 100g Fat: 92g Fat of which saturated: 9g Fat of which saturated: 8.3g Fat of which mono-saturated (cis): 81.5g / 75g (voluntary) Fat of which polyunsaturated (cis): 8.5g / 7.8g (voluntary) Carbohydrates:0g Carbohydrates of which sugars:0g Proteins: 0g Salt: 0g
Origin	100% Vegetable (sunflower)
Pesticide	<i>No data available</i>
Phthalate	<i>No data available</i>
Preservative	<i>No data available</i>
Process	This crude oil is refined, winterized, bleached and deodorized
REACH	Exempted from REACH according to annex V
Residual Solvents	<i>No data available</i>
RSPO	Doesn't contain Palm oil – Not concerned
Shelf Life	12 months
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 ou réglementaires précédents / *This document cancel and replace all technical and regulatory previous documents.*