

	Dossier technique et réglementaire / <i>technical and regulatory document</i> HUILE DE TOURNESOL RAFFINEE BIOLOGIQUE*	Février 2025 / <i>February 2025</i>
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INCI: **Helianthus annuus (sunflower) 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*

Huile hivernée / *Wintesized oil*

*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
Densité à 20°C / <i>Density at 20°C</i>	0.910 – 0.93 g/l
Acide gras libre (après production) / <i>free fatty acids (after production)</i>	Max 1%
Ou Indice d'acide / <i>Acid value</i>	≤ 2 mg KOH /g
Indice de peroxyde / <i>Peroxide index</i>	≤ 10 meq O ₂ / kg
Composition en acides gras / <i>Fatty acid composition</i>	
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>	45 – 74 %
C 18: 3 Acide linoléique / <i>linolenic acid</i>	≤ 0.5 %
C20 : 0 Acide arachidique / <i>Arachidic acid</i>	≤ 0.5 %
C 22: 0 Acide béhénique / <i>Behenic acid</i>	≤ 2 %

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

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

Indice de réfraction à 20°C / *Refractive index at 20°C* : 1.472 – 1.478

Indice d'iode / *iodine value* : 118 – 141 gI₂/100g

Indice de saponification / *saponification value* : 188 – 194 mg KOH/g

3-MCPD: 1250 µg/kg

Glycidyl esters: ≤ 1000 µg/kg

Vegan product

Natural Indice (ISO 16128) : natural : 1 natural origin : 1
 Organic : 1 organic origin :1

APPLICATIONS :

Alimentaire, Cosmétique/ *Food, Cosmetic*

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CONDITIONNEMENT STANDARD / STANDARD PACKAGING:

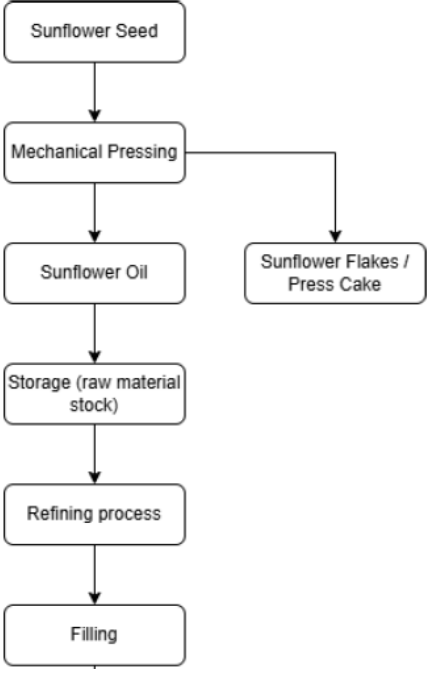
IBC de 920 kg, Fût de 190 kg, bidon de 27/54 kg / *Drum of 190 kg, can of 27/54 kg*

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	
Allergen	This product doesn't contain neither food allergen regulation 1169/2011 nor cosmetic allergen regulation 1223/2009 & 2023/1545	
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 CMR (Directive CE 1272/2008 & 2023/1490)	
Composition	INCI : 100% Helianthus annuus (Sunflower) seed oil	
Cosmetic	Complying to cosmetic regulation 1223/2009 & its amendments	
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	Sum Dioxins: ≤ 0.75 pg/g fat Sum Dioxins + dlPCB: ≤ 1.25 pg/g fat Sum non-dlPCB: ≤ 40 ng/g fat	
Ecolabel	No data available	
European Pharmacopeia	No data available	
Food	Is a food grade product	
Genetically Modified Organisms (GMO)	Doesn't contain GMO	
Inventories	Listed in China IECSC, Tawain TCSI, USA TSCA, Thailand TECI	New Zealand NZIoC, Korea KECL, Philippines PICCS, Australia AIIC, Canada DSL
Geographic origin (for plant)	No specific information	
Glycol ether	The presence of Glycol ether is not expected but not analyzed	
Halal	No data available	
Heavy Metals	In accordance with EU Regulation (EU) 2023/915	
HS code	15121990	
Irradiation / ionization	Has not been irradiated or ionized	
Kosher	No data available	
Latex	Doesn't contain latex	
Manufacturing location	Europe (mainly Netherland)	
Microbiological data	Are not favorable to microbiological development. total Viable Count < 1000 cfu/g, Yeast & moulds < 100 cfu/g	

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	E.coli < 10 cfu/g Enterobacteriaceae < 10 cfu/g absence of Salmonella in 25 g	
Microplastic	Not concerned by regulation 2023/2055 – vegetable product	
Nanomaterials	Doesn't contain nanomaterials (2011/696 and 1223/2009)	
Nitrosamine	Not concerned	
Nutritional data	Nutritional information (for 100g): Caloric value: 3700 KJ (900Kcal), Proteins:0g, Glucides:0g, salt:0g	Lipids (fatty acids): 100g, saturated:11g, Monounsaturated: 23g, polyunsaturated: 66g,
Origin	100% vegetable	
PAH / PFAS	Benzo(a)pyrene: ≤ 2.0 µg/kg Sum PAH-4: ≤ 10.0 µg/kg Not concerned by PFAS	
Pesticide	Doesn't contain pesticide	
Phthalate	Not concerned	
Preservative	Doesn't contain preservatives (cosmetic regulation 1223/2009/CEE and 2003/15/CE)	
Process	 <pre> graph TD A[Sunflower Seed] --> B[Mechanical Pressing] B --> C[Sunflower Oil] B --> D[Sunflower Flakes / Press Cake] C --> E[Storage (raw material stock)] E --> F[Refining process] F --> G[Filling] </pre> Sunflower oil is refined, bleached, deodorized, winterized	
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 CPMP/IVH/283/95	
RSPO	Doesn't contain palm oil – Not concerned	
Shelf Life	12 months	
Substances of Very High Concern (SVHC)	Doesn't contain SVHC	
Volatiles organic compounds (VOC)	Doesn't contain VOC (directive 2010/79/EU)	

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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.*