

	Dossier technique et réglementaire / <i>technical and regularoty document</i> HUILE DE CARTHAME pression à froid BIOLOGIQUE*	Mai 2020 / May 2020
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INCI: **Carthamus tinctorius seed oil**
N° CAS: 8001-23-8
N°EINECS/ELINCS:232-276-5



DESCRIPTION / DESCRIPTION :

L'huile de Carthame est une huile jaune à l'odeur caractéristique et au goût léger / *Carthame oil is a yellow oil with a characteristic odor and light taste*

*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 / Density at 20°C	0.918 – 0.924 g/cm ³	Ph. Eur 2.2.5
Indice de réfraction à 20°C / <i>Refractive index at 20°C</i>	1.474 – 1.478	Ph.Eur 2.2.6
Indice d'acide / <i>Acid value</i>	≤ 4 mg KOH / g	Ph.Eur 2.5.1
Indice de peroxyde / <i>Peroxide value</i>	≤ 10 meq O ₂ / kg	Ph.Eur 2.2.5
Composition en acides gras / Fatty acid composition		
C 14: 0 Acide myristique / <i>Myristic acid</i>	≤ 1 %	Ph.Eur 2.4.22
C 16: 0 Acide palmitique / <i>Palmitic acid</i>	4 – 10 %	Ph.Eur 2.4.22
C 16: 1 Acide palmitoléique / <i>Palmitoleic acid</i>	≤ 0.5 %	Ph.Eur 2.4.22
C 18: 0 Acide stéarique / <i>Stearic acid</i>	1 – 5 %	Ph.Eur 2.4.22
C 18: 1 Acide oléique / <i>Oleic acid</i>	7 – 21 %	Ph.Eur 2.4.22
C 18: 2 Acide linoléique / <i>Linoleic acid</i>	68 – 83 %	Ph.Eur 2.4.22
C 18: 3 Acide linolénique / <i>Linolenic acid</i>	≤ 1 %	Ph.Eur 2.4.22
C 20: 0 Acide arachidique / <i>Arachidic acid</i>	≤ 0.5 %	Ph.Eur 2.4.22
C 20: 1 Acide eicosénoïque / <i>Eicosenoic acid</i>	≤ 0.5 %	Ph.Eur 2.4.22
C 22: 0 Acide Béhénique / <i>Behenic acid</i>	≤ 1 %	Ph.Eur 2.4.22

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

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

Insoluble dans l'eau et l'éthanol, miscible à l'éther et à l'éther de pétrole / *Insoluble in water and ethanol, miscible with ether and petroleum ether*

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APPLICATIONS :

L'huile est principalement constituée de triglycérides d'acide linoléique / *The oil consists mainly of linoleic acid triglycerides*

Sa richesse en acides gras essentiels en fait donc un produit très recherché en diététique, mais aussi en soins cosmétiques / *Its richness in essential fatty acids makes it a product much sought after in dietetics, but also in cosmetic treatments*

Alimentaire, Cosmétique, pharma / *Food, Cosmetic, Pharma*

CONDITIONNEMENT STANDARD / STANDARD PACKAGING :

Fut de 190 kg, bidon de 27 kg, IBC 900kg / *190 kg barrel, 27 kg can, IBC 900kg*

A conserver dans un récipient bien rempli, bien fermé, à l'abri de la lumière et de la chaleur / *Store in a well-filled container, tightly closed, protected from light and heat*

Matière première classifiée comme non dangereuse / *Raw material classified as not dangerous*

Additives	Doesn't contain additives, antioxidants. The presence of formol, formol releasers, sulfates is not expected but not analyzed
Allergen	This product does not contain substances classified as sensitizers according to cosmetic regulation 1223/2009/ EEC, annex II and VI as an ingredient
Animal Testing	Has not been tested on animals
BSE - Bovine Spongiform Encephalopathy	No risk for BSE
California Prop 65	This product (CAS:8001-23-8) is not listed
Carcinogenic, Mutagenic and Reprotoxic (CMR)	Doesn't contain CMR according to Annex VI of Directive CE 1272/2008
Composition	100% Carthamus tinctorius seed oil
Cosmetic	This product does not contain substances classified as sensitizers according to cosmetic regulation 1223/2009/ EEC, annex II and VI as an ingredient and complies with EC regulation 1223/2009
Cosmos / Ecocert	This product is certified "Agriculture Biologique" by Ecocert FR-BIO-01
Danger	This product is not classified as dangerous in accordance with CLP and ADR
Dioxane	No data available
Ecolabel	No data available
European Pharmacopeia	No data available
Food	Is a food grade product
Genetically Modified Organisms (GMO)	Doesn't contain GMO
Inventories	EU EINECS/ELINCS, IECSC China, TSCA USA, NZIoC New Zealand, PICCS Philippines, AICS Australia, DSL Canada, KECI Korea,
Geographic origin (for plant)	Seed from Europe. Seeds contain 17 to 50% oil
Glycol ether	The presence of Glycol ether is not expected but not analyzed
Halal	No data available
Heavy Metals	Complies with European regulation 1881/2006 on the fixing of maximum levels
HS code	15121110
Irradiation / ionization	Has not been irradiated or ionized
Kosher	No data available
Latex	Doesn't contain latex

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Manufacturing location	Italia or Germany
Microbiological data	Are not favorable to microbiological development (total aerobic: < 1000 cfu/g, absence of pathogens germs in 1 g)
Nanomaterials	Doesn't contain nanomaterials as ingredient
Nutritional data	<i>No data available</i>
Origin	100% vegetable (Chardon: family Asteraceae)
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 is not expected but not analyzed
Preservative	Doesn't contain preservatives
Process	Cold pressing of safflower seeds
REACH	Exempted from obligations according to Annex II, n° 9 of EC Regulation n° 987/2008 of the Commission amending the REACH Regulation EC No 1907/2006, annexes IV and V
Residual Solvents	Doesn't contain residual solvents
RSPO	This product doesn't contain palm – 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 cancels and replaces all technical and regulatory previous documents.*