

	Dossier technique et réglementaire / <i>technical and regularoty document</i> HUILE DE CARTHAME RAFFINEE	Juillet 2018 / <i>July 2018</i>
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INCI: **Carthamus tinctorius seed oil**
N° CAS: 8001-23-8
N°EINECS/ELINCS: 232-276-5

DESCRIPTION / DESCRIPTION:

Huile obtenue par pression et / ou extraction, puis raffinage. Claire, presque incolore à jaune clair, avec un goût léger / *Oil obtained by pressure and / or extraction, then refining. Clear, almost colorless to light yellow, with a slight taste*

Produit conforme à la Pharmacopée en vigueur / *Product in accordance with the Pharmacopoeia in force*

Produit d'origine végétale / *Product of vegetable origin*

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS :

CARACTERISTIQUES	SPECIFICATIONS	METHODES / METHODS
Densité à 20°C / <i>Density at 20°C</i>	Environ / about 0.922 g/cm ³	Ph. Eur 2.2.5
Indice de réfraction à 20°C / <i>Refractive index at 20°C</i>	Environ / about 1.476	Ph. Eur 2.2.6
Impuretés alcalines / <i>Alkaline Impurities</i>	Conforme / <i>Compliant</i>	Ph. Eur 2.4.19
Indice d'acide / <i>Acid value</i>	≤ 0.5 mg KOH / g	Ph. Eur 2.5.1
Indice de peroxyde / <i>Peroxide index</i>	≤ 10 meq O ₂ / kg	Ph. Eur 2.5.5
Insaponifiable / <i>Unsaponifiable</i>	≤ 1,5 % (m/m)	Ph. Eur 2.5.7
Teneur en eau / <i>Water content</i>	≤ 0.1 %	Ph. Eur 2.5.32
Composition en acides gras / Fatty acid composition		
< C 14	≤ 0.2 %	Ph. Eur 2.4.22
C 14: 0 Acide myristique / <i>Myristic acid</i>	≤ 0.2 %	Ph. Eur 2.4.22
C 16: 0 Acide palmitique / <i>Palmitic acid</i>	4 – 10 %	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>	8 – 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>	≤ 0.5 %	Ph. Eur 2.4.22
C20 : 0 Acide arachidique / <i>Arachidic acid</i>	≤ 0.5 %	Ph. Eur 2.4.22
C20 : 1 Acide gadoléique / <i>Gadoleic acid</i>	≤ 0.5 %	Ph. Eur 2.4.22
C 22: 0 Acide béhénique / <i>Behenic acid</i>	≤ 1 %	Ph. Eur 2.4.22
Brassicastérol / <i>Brassicasterol</i>	≤ 0.3 %	Ph. Eur 2.4.23

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

Ces caractéristiques sont conformes aux précédentes spécifications datées d'Avril 2011 / *These features are in accordance with previous specifications dated on April 2011*

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CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

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

Point d'éclair / *Flash point*: > 288°C

Viscosité à 20°C / *Viscosity at 20°C*: 60 - 70 cP

APPLICATIONS :

Alimentaire, Cosmétique, Diététique, Pharma / *Food, Cosmetic, Dietetics, Pharma*

CONDITIONNEMENT STANDARD / STANDARD PACKAGING:

Fût de 190 kg - Tonnelet de 50 kg / *Drum of 190 kg - Keg of 50 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, bien fermé, 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, 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 substances or traces of substances 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/CEE, annex II and IV as ingredient
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	Compliant with the European Pharmacopoeia
Food	Is a food grade product
Genetically Modified Organisms (GMO)	Doesn't contain GMO
Inventories	Compliant with China IECSC, USA TSCA, New Zealand NZIoC, Korea KECI, Philippines PICCS, Australia AICS, Canada DSL
Geographic origin (for plant)	Chardon (fam. Asteraceae) originating from Orient. Cultivated in USA, Mexico, India and Australia. The seeds contain 17 to 50% of oil
Glycol ether	The presence of Glycol ether is not expected but not analyzed
Halal	<i>No data available</i>
Heavy Metals	Complies with European regulation 1881/2006 on the fixing of maximum levels
HS code	15121910
Irradiation / ionization	Has not been irradiated or ionized
Kosher	<i>No data available</i>

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Latex	Doesn't contain latex
Manufacturing location	<i>No data available</i>
Microbiological data	Are not favorable to microbiological development. The oils are deodorized (180-250°C) during the refining process, which effectively eliminates microbiological activity. The water content (typically less than 0.5%) is low and provides an environment that is not suitable for microorganisms (total aerobic: < 1000 cfu/g, absence of pathogens germs in 1 g)
Nanomaterials	Doesn't contain nanomaterials as ingredient
Nutritional data	Nutritional information (for 100g): Caloric value: 3700 KJ (900Kcal), Proteins:0g, Glucides:0g, Lipids (fatty acids): 100g, saturated:10g, Mono-saturated: 16g, polyunsaturated: 74g, salt:0g
Origin	100% vegetable (carthame)
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 ether is not expected but not analyzed
Preservative	Doesn't contain preservatives
Process	Oil obtained by pressure and / or extraction, then refining
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
RSPO	Doesn't contain palm oil – Not concerned
Shelf Life	18 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 cancel and replace all technical and regulatory previous documents.*