

	Dossier technique et réglementaire / <i>Technical and regulatory document</i> HUILE DE MAÏS RAFFINÉE	Septembre 2020 / <i>September 2020</i>
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INCI: zea mays oil
N°CAS: 8001-30-7
N°EINECS/ELINCS: 232-281-2

DESCRIPTION / DESCRIPTION :

Liquide limpide, jaune clair / *Clear liquid, light yellow*

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

Produit conforme à la pharmacopée européenne / *compliant to european pharmacopia*

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS :

CARACTERISTIQUES	SPECIFICATIONS	METHODES / METHODS
Apparence / <i>aspect</i>	Liquide clair	visuel
Indice d'acide / <i>acid value</i>	≤ 0.5%	Ph Eur
Indice de peroxide à la fabrication / <i>Peroxide value at manufacturing</i>	≤ 10 meqO ₂ /kg	Ph Eur
Insaponifiable / <i>insaponifiable</i>	≤ 2.8 %	Ph Eur
Impureté réaction alcaline	≤ 0.1 ml HCL 0.01M	Ph Eur
Teneur en eau / <i>Water content</i>	≤ 0.1 %	Ph Eur
< C 16	≤ 0.6%	Ph Eur
C 16: 0 Acide palmitique / <i>palmitic acid</i>	8.6 - 16.5 %	Ph Eur
C 18: 0 Acide stéarique / <i>stearic acid</i>	≤ 3.3 %	Ph Eur
C 18: 1 Acide oléique / <i>oleic acid</i>	20 - 42.2 %	Ph Eur
C 18: 2 Acide linoléique / <i>linoleic acid</i>	39.4 - 65.6 %	Ph Eur
C 18: 3 Acide linoléique / <i>linolenic acid</i>	0.5 - 1.5 %	Ph Eur
C 20 : 0 Acide arachidique / <i>arachidic acid</i>	≤ 0.8 %	Ph Eur
C 20 : 1 Acide eicosénoïque / <i>eicosenoic acid</i>	≤ 0.5 %	Ph Eur
C22 : 0 Acide behénique / <i>behenic acid</i>	≤ 0.5 %	Ph Eur
Autres acides gras / <i>other fatty acids</i>	≤ 0.5 %	Ph Eur
Teneur en eau / <i>water content</i>	≤ 0.1%	Ph Eur

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

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION :

Pratiquement insoluble dans l'eau et dans l'alcool, miscible à l'éther de pétrole / *Practically insoluble in water and alcohol, miscible with petroleum ether*

CAS alternatif : 67701-30-8 (glycérides, C16-18 et C18 insaturés)

Conform to vegan requirement

APPLICATIONS :

Ingrédients d'alimentation et de nutrition, intermédiaires pour la production de différents produits (émulsifiants et biodiesel) et de composants de mélanges (support additifs et bougies) / *Food and nutrition*

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ingredients, intermediates for the production of different products (emulsifiers and biodiesel) and blending components (additives and candles)

CONDITIONNEMENT STANDARD / STANDARD PACKAGING :

Tonnelet 50 kg, fût métal de 200 kg, IBC de 800/900 kg / *50 kg keg, 200 kg metal drum, 800/900 kg IBC*

A conserver dans un conditionnement 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*

Additives	This product doesn't contain additive PAH : benzo(a)pyrene(bap) ≤ 2 ppb / Σ (benzo(a)pyrene + benzo(a)anthracene + chrysene + benzo(b)fluoranthene) ≤ 10 ppb (CE/1881/2006)
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 Encephalopathy	not expected
California Prop 65	This product (CAS: 8001-30-7) is not listed
Carcinogenic, Mutagenic and Reprotoxic (CMR)	<i>No data available</i>
Composition	100% corn oil
Cosmetic	Can be used in cosmetics
Cosmos / Ecocert	This oil is extracted by hexane, so it is not accepted by cosmos
Danger	This product is not classified as dangerous according to CLP and ADR
Dioxane	Σ of dioxin and dioxin-like PCBs (OMS-PCDD / F-PCB-TEQ) ≤ 1.25 pg/g Σ dioxin (OMS-PCDD/F-TEQ) ≤ 0.75 pg/g Σ OF 6 INDICATOR pcbs ≤ 40 ng/g (CE/1881/2006)
Ecolabel	<i>No data available</i>
European Pharmacopeia	Conform to European pharmacopia
Food	Is a food grade product. Complies with all current and relevant EU food legislation
Genetically Modified Organisms (GMO)	Non-GM origin. There is no labeling and traceability requirement
Inventories	Compliant with China IECSC, USA TSCA, New Zealand NZIoC, Taiwan TCSI, Korea KECl, Philippines PICCS, Australia AICS, Canada DSL
Geographic origin (for plant)	Seeds/crude oil : Europe mainly France (can vary depending on the availability of supplies)
Glycol ether	<i>No data available</i>
Halal	Halal conform
Heavy Metals	Arsenic ≤ 0.1 ppm, Copper ≤ 0.1 ppm, Iron ≤ 1.5 ppm, Lead ≤ 0.08 ppm according to regulation EC 1881/2006
HS code	1515 29 90
Irradiation / ionization	There is no ionization, UV and gamma irradiation treatment in this product
Kosher	Kosher certified
Latex	<i>No data available</i>
Manufacturing location	France / Belgium
Microbiological data	This product does not support microbial growth due to his low water activity
Nanomaterials	Doesn't contain nanomaterial (French decree)
Nutritional data	Typical value for 100g (in g): Energy = 3700 kJ / 900 kcal; Fat = 100 ; Of which saturates = 14+/-2 ; Of which mono-unsaturated = 31+/-3; Of which polyunsaturated = 55+/-3; Carbohydrate = 0g; Of which sugars = 0 g; Protein = 0 g; Salt = 0 g
Origin	100% vegetable (Zea mays L.)

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Pesticide	Organophosphorus / organochlorine / pyrethrinoides according to regulation 396/2005 and its amendments
Phthalate	<i>No data available</i>
Preservative	<i>No data available</i>
Process	Crude oil is extracted by hexane. Refining : neutralization, decoloration, deodorization and nitrogen saturation
REACH	This product is exempted from Reach registration
Residual Solvents	Hexane ≤ 1 mg/kg (CE/32/2009)
RSPO	This product doesn't contain palm – not concerned
Shelf Life before re-check	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 et réglementaires précédents / *This document cancels and replaces all technical and regulatory previous documents.*