

	Dossier technique et réglementaire / <i>Technical and regulatory document</i> HUILE DE MAÏS RAFFINÉE	Janvier 2020 / <i>January 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*

CARACTERISTIQUES GARANTIES / *GUARANTEED SPECIFICATIONS* :

CARACTERISTIQUES	SPECIFICATIONS	METHODES / <i>METHODS</i>
Apparence / <i>aspect</i>	Liquide clair	visuel
Acide gras libre / <i>Free fatty acid</i>	≤ 0.1 %	ISO 660
Indice de peroxide à la fabrication / <i>Peroxide value at manufacturing</i>	≤ 0.5 meqO ₂ /kg	ISO 3960
Couleur / <i>colour</i> lovibond	≤ 2.5R / ≤ 30Y	ISO 15305
Teneur en eau / <i>Water content</i>	≤ 0.05 %	ISO 8534
C 14: 0 Acide myristique / <i>myristic acid</i>	≤ 0.6%	ISO 12966
C 16: 0 Acide palmitique / <i>palmitic acid</i>	9-14%	ISO 12966
C 18: 0 Acide stéarique / <i>stearic acid</i>	1-3%	ISO 12966
C 18: 1 Acide oléique / <i>oleic acid</i>	24-36%	ISO 12966
C 18: 2 Acide linoléique / <i>linoleic acid</i>	49-59%	ISO 12966
C 18: 3 Acide linolénique / <i>linolenic acid</i>	≤ 1.5%	ISO 12966
Autres acides gras	≤ 1%	ISO 12966

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

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

Viscosité à 20°C / *Viscosity at 20°C* : ~65 mPas
Densité à 20°C / *Density at 20°C*: 917 – 925 kg / m³
Indice de réfraction n_{D40} / *Refractive index n_{D40}* : 1.465– 1.468
Pratiquement insoluble dans l'eau et dans l'alcool, miscible à l'éther de pétrole (Eb : 40 – 60°C) / *Practically insoluble in water and alcohol, miscible with petroleum ether (Eb : 40 – 60°C)*
CAS alternatif : 67701-30-8 (glycérides, C16-18 et C18 insaturés)

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 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 kg / *50 kg keg, 200 kg metal drum, 800 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*

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Additives	This product contains citric acid (E330)
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	corn oil, sequestrant: citric acid E330 (typical 25 mg/kg)
Cosmetic	Can be used in cosmetics: emollient, use level 1-15%
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 dioxins and furans (WHO-PCDD/F-TEQ) max 0.75pg/g fat
Ecolabel	<i>No data available</i>
European Pharmacopeia	<i>No data available</i>
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 according (EC) legislation No 1829/2003 and 1830/2003
Inventories	Compliant with China IECSC, USA TSCA, New Zealand NZIoC, Taiwan TCSI, Korea KECI, Philippines PICCS, Australia AICS, Canada DSL
Geographic origin (for plant)	Belgium, Germany, Spain, France, Brazil, USA
Glycol ether	<i>No data available</i>
Halal	The factory is halal certified
Heavy Metals	Arsenic ≤ 0.1 mg/kg, Cadmium ≤ 0.02 mg/kg, copper ≤ 0.05 mg/kg, iron ≤ 0.5 mg/kg, Mercury ≤ 0.02 mg/kg, Lead ≤ 0.1 mg/kg according to regulation EC 1881/2006
HS code	15152190
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	Belgium
Microbiological data	This product does not support microbial growth due to his low water activity
Nanomaterials	<i>No data available</i>
Nutritional data	Typical value for 100g (in accordance with regulation EU/1169/2011) : Energy = 3700 kJ / 900 kcal; Fat = 100 g; Of which saturates = 13.5 g; Of which mono-unsaturated (cis) = 30.5 g; Of which polyunsaturated (cis) = 55 g; Carbohydrate = 0g; Of which sugars = 0 g; Protein = 0 g; Salt = 0 g
Origin	100% vegetable (corn)
Pesticide	According to regulation 396/2005 and its amendments
Phthalate	<i>No data available</i>
Preservative	This product contains citric acid (E330) as a sequestrant
Process	Crude oil is extracted by hexane. Hexane is removed from oil. Crude oil is refined, bleached, winterized and deodorized. Citric acid (25mg/kg) is added as chelating agent during deodorization step.
REACH	This product is exempted from Reach registration article 2(5b) of regulation (CE) n°1907/2006
Residual Solvents	<i>No data available</i>
RSPO	This product doesn't contain palm – not concerned
Shelf Life before re-check	12 months

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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.*