	Dossier technique et réglementaire / <i>Technical and regulatory document</i> <b>HUILE DE COLZA RAFFINEE</b>	Février 2020 / <i>February 2020</i>
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INCI: brassica campestris seed oil  
N°CAS: 8002-13-9 / 90989-79-0 / 67701-30-8  
N°EINECS/ELINCS: 232-299-0 / 292-737-1 / 266-948-4

**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 / METHODS
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>	≤ 1 meqO <sub>2</sub> /kg	ISO 3960
Couleur / <i>colour</i> lovibond Red	≤ 1.5	ISO 15305
Teneur en eau / <i>Water content</i>	≤ 0.2 %	ISO 662 / 8534

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

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

Couleur jaune Lov. 5 1/4" / *Yellow color Lov. 5 1/4" ≤ 20*  
Viscosité à 20°C / *Viscosity at 20°C* : ~68 mPas  
Densité à 20°C / *Density at 20°C*: 914 – 920 kg /m<sup>3</sup>  
Indice de réfraction nD40 / *Refractive index nD40* : 1.465– 1.467

**Composition en acides gras / Fatty acids composition :**

C 16 : 0 Acide palmitique / *Palmitic acid* : 2.5 – 7 %  
C 18 : 0 Acide stéarique / *Stearic acid*: 0.8 – 3 %  
C 18 : 1 Total acide oléique / *Total oleic Acid* : 51 – 70 %  
C 18 : 2 Total acide linoléique / *Total linoleic acid* : 15 – 30 %  
C 18 : 3 Total acide linoléique / *Total linolenic acid* : 7 – 14 %  
C 20 : 0 Acide arachidique / *Arachidic acid* : 0.2 – 1.2 %  
C 22 : 0 Acide béhénique / *Behenic acid* : ≤ 0.6 %  
C 22 : 1 Acide érucique / *Erucic acid* : ≤ 2 %

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)*

Ce produit est végétalien / *This product is vegan*


**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 200 kg, IBC 900 kg / *50 kg keg, 200 kg drum, 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*

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<b>Additives</b>	This product can contain citric acid (E330)
<b>Allergen</b>	There is no presence of allergens according to EU regulation 1169/2011 and its amendments
<b>Animal Testing</b>	<i>No data available</i>
<b>BSE - Bovine Spongiform Encephalopathy</b>	No BSE risk
<b>California Prop 65</b>	This product (CAS: 8002-13-9) is not listed
<b>Carcinogenic, Mutagenic and Reprotoxic (CMR)</b>	<i>No data available</i>
<b>Composition</b>	Rapeseed oil, sequestrant: citric acid E330 (typical 25 mg/kg)
<b>Cosmetic</b>	Can be used in cosmetics applications
<b>Cosmos / Ecocert</b>	This oil is extracted by hexane, so it is not accepted by cosmos
<b>Danger</b>	This product is not classified as dangerous according to CLP and ADR
<b>Dioxane</b>	Dioxines + furans + dioxine-like PCB's <1.25pg/g
<b>Ecolabel</b>	<i>No data available</i>
<b>European Pharmacopeia</b>	<i>No data available</i>
<b>Food</b>	Is a food grade product
<b>Genetically Modified Organisms (GMO)</b>	There is no labeling and traceability requirement according (EC) legislation No 1829/2003 and 1830/2003
<b>Inventories</b>	Compliant with China IECSC, USA TSCA, New Zealand NZIoC, Taiwan TCSI, Korea KECI, Philippines PICCS, Australia AICS, Canada DSL
<b>Geographic origin (for plant)</b>	France, Germany, Hungary, Bulgary, Romania, Slovakia, Poland, Czech Republic, Belgium, Latvia, Lithuania, Austria, Russia, Ukraine, Australia, Danmark and United Kingdom
<b>Glycol ether</b>	<i>No data available</i>
<b>Halal</b>	<i>No data available</i>
<b>Heavy Metals</b>	Arsenic ≤ 0.1 mg/kg, iron ≤ 1.5 mg/kg, Lead ≤ 0.1 mg/kg according to regulation EC 1881/2006
<b>HS code</b>	15141910
<b>Irradiation / ionization</b>	There is no ionization and gamma irradiation treatment in this product
<b>Kosher</b>	Kosher certified
<b>Latex</b>	<i>No data available</i>
<b>Manufacturing location</b>	France, Germany, Belgium, United Kingdom
<b>Microbiological data</b>	This product does not support microbial growth due to his low water activity (standard moisture and volatile materials do not exceed 0.1% for finished vegetable oils). In the final processing step this product is deodorized according to FEDIOL Code of practice (180°C for min 2 hours), which effectively eliminates microorganisms.
<b>Nanomaterials</b>	<i>No data available</i>
<b>Nutritional data</b>	Typical value for 100g : Energy = 3700 kJ / 900 kcal; Fat = 100 g; Of which saturates = 5-11 g; Of which mono-unsaturated (cis) = 56-70 g; Of which polyunsaturated (cis) = 26-35 g; Carbohydrate = 0g; Of which sugars = 0 g; Protein = 0 g; Salt = 0 g
<b>Origin</b>	100% vegetable (rapeseed)
<b>Pesticide</b>	According to regulation 396/2005 and its amendments
<b>Phthalate</b>	<i>No data available</i>
<b>Preservative</b>	This product contains citric acid (E330)
<b>Process</b>	This product is refined, bleached and deodorized
<b>REACH</b>	This product is exempted from Reach registration article 2(5)b of regulation (CE) n°1907/2006 of regulation (CE) N° 1907/2006 (amended by Commission Regulation (EC) N° 987/2008
<b>Residual Solvents</b>	<i>No data available</i>
<b>RSPO</b>	This product doesn't contain palm – not concerned

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<b>Shelf Life before re-check</b>	12 months
<b>Substances of Very High Concern (SVHC)</b>	<i>No data available</i>
<b>Volatiles organic compounds (VOC)</b>	<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.*