

	Dossier technique et réglementaire / <i>Technical and regulatory document</i> <b>HUILE DE COPRAH RAFFINEE</b>	Juillet 2024 / July 2024
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INCI: COCOS NUCIFERA (cocont) OIL  
N°CAS: 8001-31-8  
N°EINECS/ELINCS: 232-282-8

**DESCRIPTION / DESCRIPTION:**

Huile solide blanc cassé à jaunâtre / *Solid oil, light yellow.*  
Produit d'origine végétale / *Product of vegetable origin*

**CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:**

CARACTERISTIQUES	SPECIFICATIONS	METHODES / METHODS
Acide gras libre / <i>free fatty acids as lauric (200)</i>	≤ 0.1%	ISO 660
Ou Indice d'acide / <i>acide value</i>	≤ 0.5%	Ph. Eur 2.5.1
Indice de peroxyde à la fabrication / <i>peroxyde value at manufacturing</i>	≤ 5 meq O2/kg	ISO 3960 / Ph. Eur 2.5.5
Teneur en eau / <i>moisture content</i>	≤ 0.1%	ISO 8534 / Ph. Eur 2.5.32
Point de fusion / <i>melting point</i>	23-27°C	NEM 6313 / Ph. Eur 2.5.15
<b>Composition en acides gras / <i>fatty acid composition</i></b>		
C8:0 – acide caprylique / <i>caprylic acid</i>	5-11%	ISO 12966 / Ph. Eur 2.4.22
C10:0 – acide caprique / <i>capric acid</i>	4-9%	
C12:0 – acide laurique / <i>lauric acid</i>	40-50%	
C14:0 – acide myristique / <i>myristic acid</i>	15-20%	
C16:0 – acides palmitique / <i>palmitic acid</i>	7-12%	
C18:0 – acide stéarique / <i>stearic acid</i>	1.5-5%	
C18:1 – acide oléique total / <i>total oleic acid</i>	4-10%	

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

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

Couleur/Colour Lovibond 5 ¼" : Red ≤ 1.5 / Yellow ≤ 15  
Teneur en matière grasse solide / *solide fat content (20°C)* : 34-42 %  
Viscosité à 40°C / *Viscosity at 40°C* : ~25 mPas  
Densité à 40°C / *Density at 40°C*: 908-921 kg/m<sup>3</sup>  
Indice de réfraction nD40 / *Refractive index nD40*: 1.448-1.450  
Insoluble dans l'eau / *insoluble in water*  
Ce produit est végétalien / *This product is vegan*

This product can be described based on botanical origin with following attributes:

Coconut oil, EC no: 232-282-8; CAS no: 8001-31-8

Or based on chemical structure with generic chemical name:

Glycerides C8-C18 and C18- unsatd, EC no: 266-948-6; CAS no: 67701-28-4

ISO 16128 : Natural origin index = 0\* / Natural index = 0\* / Organic origin index= 0 / Organic index = 0

\*Due to the use of hexane during extraction.

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**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)*

*Besides the emollient functionality product known for skin and hair conditioning, masking and perfuming properties.*

**CONDITIONNEMENT STANDARD / STANDARD PACKAGING:**

Tonnelet 50 kg, fût plastique 180 kg, IBC 900 kg / *50 kg keg, 180 kg plastic drum, 900 kg IBC*

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

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*

<b>Additives</b>	No additives like preservatives, anti-oxidants, chelating agents or others have been added to this product.
<b>Allergen</b>	There is no presence of food allergens according to EU regulation 1169/2011 and its amendments To the best of our knowledge the perfume allergens listed in Regulation 1223/2009 (amended by Regulation 1545/2023), are not used in our production process, and thus no labelling of their presence is required .
<b>Animal Testing</b>	No animal testing after March 11, 2013
<b>BSE - Bovine Spongiform Encephalopathy</b>	No risk
<b>California Prop 65</b>	This product (CAS: 8001-31-8) is not listed
<b>Carcinogenic, Mutagenic and Reprotoxic (CMR)</b>	Not expected in this product
<b>Composition</b>	100% refined coconut oil
<b>Cosmetic</b>	This product can be used in cosmetics
<b>Cosmos / Ecocert</b>	This product is extracted by hexane, so it's not accepted by Cosmos regulation
<b>Danger</b>	This product is not classified as dangerous according to CLP and ADR
<b>Dioxane</b>	Not expected in this product
<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 and complies with all current and relevant EU food legislation
<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 IECIC, USA TSCA, Korea KECI, Australia AICS, Canada DSL, Japan ENCS
<b>Geographic origin (for plant)</b>	Coconut majority sourced in: South East Asia (Philippines and/or Indonesia), and to a very minor extend : Papua New Guinea and Ivory Coast.
<b>Glycol ether</b>	Not expected in this product
<b>Halal</b>	This factory is Halal certified
<b>Heavy Metals</b>	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)
<b>HS code</b>	<i>No data available</i>
<b>Irradiation / ionization</b>	There is no ionization and gamma irradiation treatment in this product
<b>Kosher</b>	This product is Kosher certified

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<b>Latex</b>	<i>No data available</i>
<b>Manufacturing location</b>	Netherlands / Germany
<b>Microbiological data</b>	This product do not support microbial growth due to his low water activity (standard moisture and volatile materials do not exceed 0.1% for finished vegetable oil) In the final processing step this product is deodorized according to FEDIOL Code of practice ( $\geq 180^{\circ}\text{C}$ for min 2 hours), which effectively eliminates microorganisms
<b>Nanomaterials</b>	This product does not contain nanomaterials as defined in EC Regulation 1223/2009 on Cosmetic products
<b>Nitrosamines</b>	Not expected in this product
<b>Nutritional data</b>	Typical /100g : Energy 3700 kJ (900 kcal) / Fat 100 g Of which saturates 91 g; Of which mono-unsaturated (cis) 7 g; Of which polyunsaturated (cis) 1.5 g Carbohydrate 0 g ; Of which sugars 0 g Protein 0 g / Salt 0 g The nutritional values are in accordance with regulation (EU) n°1169/2011 and its amendments on food information to consumers
<b>Origin</b>	100% vegetable (coconut)
<b>Pesticide</b>	This product is produced from raw materials for which either no pesticide is used or our suppliers guarantee conformity with applicable European Regulations on pesticide residues with the maximum residue levels set up by European Union legislation, where applicable, those from Regulation (EC) n° 396/2005. A yearly monitoring control plan is performed by an external accredited laboratory.
<b>Phthalate</b>	<i>No data available</i>
<b>Preservative</b>	Not added
<b>Process</b>	Crude oil is expressed from the kernels of the seeds of the Coconut. Crude Oil then is refined, bleached and deodorised. Hexane is used to express the oil and is removed.
<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>	Vegetable oils and fats contain the following impurities, inherent to its origin and production process: Hexane Max 1 ppm
<b>RSPO</b>	This product doesn't contain palm – not concerned
<b>Shelf Life before re-check</b>	1 year
<b>Substances of Very High Concern (SVHC)</b>	These substances are not intentionally added to the product nor are they expected to be components of the raw materials used in their manufacture.
<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.*