

	Dossier technique et réglementaire / <i>technical and regularoty document</i> <b>HUILE DE LIN VIERGE</b>	Octobre 2019 / <i>October 2019</i>
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INCI: **Linum usitatissimum seed oil**  
N° CAS: 8001-26-1  
N°EINECS/ELINCS: 232-278-6

**DESCRIPTION / DESCRIPTION:**

Liquide jaune à brunâtre. Fonce et s'épaissit au contact de l'air. Se solidifie vers -20°C / *Yellow to brownish liquid. Darkens and thickens on contact with air. Solidifies to -20°C.*  
Conforme à la pharmacopée Européenne / *conform to European Pharmacopia.*

**CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS :**

CARACTERISTIQUES	SPECIFICATIONS	METHODES / METHODS
Indice d'acide / <i>Acid value</i>	≤ 4 mg KOH /g	Ph. Eur 2.5.1
Indice de peroxyde / <i>Peroxide index</i>	≤ 15 meq O <sub>2</sub> / kg	Ph. Eur 2.5.5
Indice de réfraction / <i>refractive index</i>	Environ / <i>about</i> 1.480	Ph. Eur 2.2.6
Densité à 20°C / <i>Density at 20°C</i>	Environ / <i>about</i> 0.931 g/cm <sup>3</sup>	Ph. Eur 2.2.5
Indice iode / <i>iodine value</i>	160-200 gI <sub>2</sub> /100g	Ph. Eur 2.5.4
Indice saponification / <i>saponification value</i>	188-195mg KOH/g	Ph. Eur 2.5.6
Insaponifiable / <i>Unsaponifiable matter</i>	≤ 1.5 %	Ph. Eur 2.5.7
Teneur en eau / <i>water content</i>	≤ 0.1 %	Ph. Eur 2.5.32
Cadmium	≤ 0.5ppm	Ph. Eur 2.4.27
<b>Composition en acides gras / <i>Fatty acids composition</i></b>		
< C16	≤ 1%	Ph. Eur 2.4.22
C 16: 0 Acide palmitique / <i>Palmitic acid</i>	3-8 %	
C 16: 1 Acide palmitoléique / <i>Palmitoleic acid</i>	≤ 1 %	
C 18 Acide stéarique / <i>Stearic acid</i>	2-8 %	
C 18: 1 Acide oléique / <i>Oleic acid</i>	11-35 %	
C18 :2 Acide linoléique / <i>Linoleic acid</i>	11-24 %	
C18 :3 acide linoléique / <i>linolenic acid</i>	35-65 %	
C20 acide arachidique / <i>Arachidic acid</i>	≤ 1 %	

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

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

Insoluble dans l'eau. Très légèrement soluble dans l'éthanol/ *Insoluble in water. Very slightly soluble in ethanol.*  
Produit végétalien / *vegan product*

**APPLICATIONS :**

Alimentaire, Cosmétique, Pharma, Industrie des peintures / *Food, Cosmetic, Pharma, paint industries*

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**CONDITIONNEMENT STANDARD / STANDARD PACKAGING :**

Fût de 190 kg, tonnelet 27 kg / *Drum of 190 kg, keg 27 kg*

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

A conserver dans un récipient bien fermé, à l'abri de la lumière et de la chaleur / *Store in a tightly closed container, protected from light and heat*

<b>Additives</b>	Doesn't contain additives
<b>Allergen</b>	
<b>Animal Testing</b>	Has not been tested on animals
<b>BSE - Bovine Spongiform Encephalopathy</b>	No risk for BSE
<b>California Prop 65</b>	This product (CAS: 8001-26-1) is not listed
<b>Carcinogenic, Mutagenic and Reprotoxic (CMR)</b>	Doesn't contain CMR substances
<b>Composition</b>	100% Linum usitatissimum seed oil
<b>Cosmetic</b>	Can be used in cosmetic application, conform to cosmetic regulation 1223/2009
<b>Cosmos / Ecocert</b>	<i>No data available</i>
<b>Danger</b>	This product is not classified as dangerous in accordance with CLP and ADR
<b>Dioxane</b>	Doesn't contain dioxane
<b>Ecolabel</b>	<i>No data available</i>
<b>European Pharmacopeia</b>	Conform to European Pharmacopeia
<b>Food</b>	Can be used in food industries
<b>Genetically Modified Organisms (GMO)</b>	Doesn't contain GMO
<b>Inventories</b>	listed to IECSC China, TSCA USA, NZIoC New Zealand, KECI Korea, PICCS Philippines, AICS Australia, DSL Canada
<b>Geographic origin (for plant)</b>	Asia. The seeds contain 35 to 45% of oil
<b>Glycol ether</b>	Doesn't contain Glycol ether
<b>Halal</b>	This product is not certified
<b>Heavy Metals</b>	Doesn't contain heavy metals
<b>HS code</b>	<i>No data available</i>
<b>Irradiation / ionization</b>	Has not been irradiated or ionized
<b>Kosher</b>	This product is kosher certified
<b>Latex</b>	Doesn't contain latex
<b>Manufacturing location</b>	Europe
<b>Microbiological data</b>	Are not favorable to microbiological development. the product is considered as vegetable raw material because it does not undergo any heat treatment adapted to reduce the microbiological load
<b>Nanomaterials</b>	Doesn't contain nanomaterials (1223/2009/CEE and 2011/696)
<b>Nutritional data</b>	<i>No data available</i>
<b>Origin</b>	100% vegetable (flaxseed)
<b>Pesticide</b>	Doesn't contain pesticide
<b>Phthalate</b>	Doesn't contain phthalates
<b>Preservative</b>	Doesn't contain preservatives (1223/2009/CEE and 2003/15/CE)
<b>Process</b>	Oil obtained by pressing
<b>REACH</b>	Exempt of obligation according to Annex II, n° 9 of EC Regulation n° 987/2008 of the

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	Commission amending REACH Regulation EC No 1907/2006, annexes IV and V
<b>Residual Solvents</b>	Doesn't contain residual solvents (CPMP/ICH/283/95)
<b>RSPO</b>	This product doesn't contain palm oil – not concerned
<b>Shelf Life before retest</b>	18 months
<b>Substances of Very High Concern (SVHC)</b>	Doesn't contain SVHC
<b>Volatiles organic compounds (VOC)</b>	Doesn't contain VOC

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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.*