

	Dossier technique et réglementaire / <i>technical and regularoty document</i> HUILE D'ONAGRE RAFFINEE	Janvier 2026 <i>January 2026</i>
---	---	-------------------------------------



INCI: **Oenothera biennis oil**
N° CAS: 90028-66-3
N°EINECS/ELINCS: 289-859-2

DESCRIPTION / DESCRIPTION:

Liquide clair, de couleur jaune claire à jaune. / *Clear liquid, light yellow to yellow.*

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

Produit conforme à la Pharmacopée Européenne en vigueur / *Product in accordance with the European Pharmacopoeia in force*

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:

CARACTERISTIQUES	SPECIFICATIONS	METHODES / METHODS
Indice de réfraction à 20°C / <i>Refractive index at 20°C</i>	Environ / <i>about</i> 1.478	Ph. Eur 2.2.6
Densité à 20°C / <i>Density at 20°C</i>	Environ / <i>about</i> 0.923 g/cm ³	Ph. Eur 2.2.5
Indice d'acide / <i>Acid value</i>	≤ 0.5 mg KOH /g	Ph. Eur 2.5.1
Indice de peroxyde / <i>Peroxide index</i>	≤ 10 meq O ₂ / kg	Ph. Eur 2.5.5
Insaponifiable / <i>Unsaponifiable</i>	≤ 2,5 % (m/m)	Ph. Eur 2.5.7
Impuretés alcalines / <i>Alkaline Impurities</i>	Conforme / <i>Compliant</i>	Ph. Eur 2.4.19
Teneur en eau / <i>Water content</i>	≤ 0.1 %	Ph. Eur 2.5.32
Composition en acides gras / Fatty acid composition		
≤ C 16: 0	≤ 0.3 %	Ph. Eur 2.4.22
C 16: 0 Acide palmitique / <i>Palmitic acid</i>	4 – 10 %	
C 18: 0 Acide stéarique / <i>stearic acid</i>	1 – 4 %	
C 18: 1 Acide oléique / <i>Oleic acid</i>	5 – 12 %	
C 18: 2 Acide linoléique / <i>linoleic acid</i>	65 – 85 %	
C 18: 3 Acide g.linoléique / <i>g.linolenic acid</i>	9 – 14 %	
C18 : 3 Acide a.linoléique / <i>a.linolenic acid</i>	≤ 0.5 %	
Brassicastérol / <i>Brassicasterol</i>	≤ 0.3 %	Phar Eur 2.4.23

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 l'éthanol (96%), miscible à l'éther de pétrole (40 – 60°C) et les solvants organiques / *Practically insoluble in water and ethanol (96%), miscible with petroleum ether (40 – 60°C) and organic solvents*

Point d'ébullition / *Boiling point*: > 250°C

Vegan product

Iso 16128 :

Natural indice : 1 natural origine indice : 1

	Dossier technique et réglementaire / <i>technical and regularoty document</i> HUILE D'ONAGRE RAFFINEE	Janvier 2026 <i>January 2026</i>
---	---	-------------------------------------

APPLICATIONS :

Alimentaire, Cosmétique, Pharma / *Food, Cosmetic, Pharma*

CONDITIONNEMENT STANDARD / STANDARD PACKAGING:

Fût de 190 kg, tonnelet de 27 ou 54 kg / *Drum of 190 kg - Keg of 27 or 54 kg*

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

A conserver en emballage soigneusement fermé, sous atmosphère inerte à l'abri de l'oxygène, la lumière et de la chaleur / *Store in a well-filled, well-closed container, protected from oxygen, light and heat*

Additives	Doesn't contain additives	
Allergen	This product does not contain food allergen (1169/2011) Doesn't contain cosmetic allergen (1223/2009 & 2023/1545)	
Animal Testing	Has not been tested on animals	
BSE - Bovine Spongiform Encephalopathy	No risk for BSE	
California Prop 65	This product (CAS: 90028-66-3) is not listed	
Carcinogenic, Mutagenic and Reprotoxic (CMR)	Doesn't contain CMR substances according to Annex VI of Directive CE 1272/2008 & 2023/1490	
Composition	100 % Oenothera biennis oil	
Cosmetic	Complies to cosmetic regulation 1223/2009/CEE	
Cosmos / Ecocert	<i>No data available</i>	
Danger	This product is not classified as dangerous in accordance with CLP and ADR	
Dioxane	Compliant to regulation 2023/915	
Ecolabel	<i>No data available</i>	
European Pharmacopeia	Compliant with the current European Pharmacopoeia	
Food	Is a food grade product	
Genetically Modified Organisms (GMO)	Doesn't contain GMO	
Inventories	Cas 90028-66-3 is listed in IECSC in China TCSI in Taiwan DSL in Canada	PICCS in Philippines NZIoC in New Zealand AIIC in Australia
Geographic origin (for plant)	China	
Glycol ether	The presence of Glycol ether is not expected but not analyzed	
Halal	No halal certified	
Heavy Metals	Complies with regulation 2023/915	
HS code	15159060	
Irradiation / ionization	Has not been irradiated or ionized	
Kosher	<i>No data available</i>	
Latex	Doesn't contain latex	
Manufacturing location	<i>China</i>	
Microbiological data	Are not favorable to microbiological development. The oils are deodorized (180-250°C) during the refining process, which effectively eliminates microbiological activity. The water content (typically less than 0.5%) is low and provides an environment that is not	

	Dossier technique et réglementaire / <i>technical and regulatory document</i> HUILE D'ONAGRE RAFFINEE	Janvier 2026 <i>January 2026</i>
---	---	-------------------------------------

	suitable for microorganisms total aerobic: < 1000 cfu/g, absence of pathogens germs in 1 g	
Microplastics	Not expected (2023/2055)	
Nanomaterials	Doesn't contain nanomaterials (2011/696 & 1223/2009)	
Nitrosamine	Not expected but not analyzed	
Nutritional data	Nutritional information (for 100g): Caloric value: 3700 KJ (900Kcal), Proteins: 0g, Glucides: 0g, Lipids (fatty acids): 100g,	saturated:9g, Mono-saturated: 8g, polyunsaturated: 83g, salt: 0g
Origin	100% vegetable onagre	
PAH/PFAS	Doesn't contain PAH or PFAS	
Pesticide	Complies with Regulation EC 396/2005	
Phthalate	The presence of phthalates is not expected but not analyzed	
Preservative	Doesn't contain preservatives	
Process	Oil obtained by pressing then chemical refining	
REACH	Exempt	
Residual Solvents	Doesn't contain residual solvents	
RSPO	Doesn't contain palm oil – Not concerned	
Shelf Life	12 months	
Substances of Very High Concern (SVHC)	Doesn't contain SVHC	
Volatiles organic compounds (VOC)	Doesn't contain VOC	

----- END

Ce document annule et remplace tous documents techniques et réglementaires précédents / *This document cancels and replaces all technical and regulatory previous documents.*