

	Dossier technique et réglementaire / <i>Technical and regulatory document</i> HUILE DE GERMES DE BLE RAFFINEE	Juillet 2025 / <i>July 2025</i>
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INCI: **Triticum vulgare germ oil**
N°CAS: 68917-73-7 / 841012-44-2
N°EINECS/ELINCS: 281-689-7

DESCRIPTION / DESCRIPTION:

Huile raffinée de qualité alimentaire / *refined oil of food grade*

Matière première d'origine végétale / *raw material of vegetable origin*

Produit conforme à la Pharmacopée européenne en vigueur (monographie : *huile de germes de blé raffinée*) /
product in accordance with the current European Pharmacopoeia (monograph: refined wheat germ oil)

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:

CARACTERISTIQUES	SPECIFICATIONS	METHODES / METHODS
Indice d'acide / <i>acid value</i>	≤ 0.9 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
Indice de réfraction / <i>refractive index 20°C</i>	environ 1.475	Ph. Eur 2.5.6
Densité relative / <i>relative density 20°C</i>	environ 0.925 g/cm ³	Ph. Eur 2.5.5
Impuretés alcalines / <i>alkaline impurities</i>	Conforme / <i>compliant</i>	Ph. Eur 2.4.19
Insaponifiable / <i>unsaponifiable</i>	≤ 5 % (m/m)	Ph. Eur 2.5.7
Eau / <i>water</i>	≤ 0.1 %	Ph. Eur 2.5.32
Composition en acides gras / Fatty acid composition		
C 16: 0 Acide palmitique / <i>palmitic acid</i>	14 – 19 %	Ph. Eur 2.4.22
C 18: 0 Acide stéarique / <i>stearic acid</i>	≤ 2 %	
C 18: 1 Acide oléique / <i>oleic acid</i>	12 – 23 %	
C 18: 2 Acide linoléique / <i>linoleic acid</i>	52 – 59 %	
C 18: 3 Acide linolénique / <i>linolenic acid</i>	3 – 10 %	
C 20: 1 Acide eicosénoïque / <i>eicosenoic acid</i>	≤ 2 %	

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

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

Huile claire, jaune pâle, pratiquement insoluble dans l'eau, miscible à l'éther / *light yellow, pale oil, practically insoluble in water, miscible with ether*

Ce produit est végétalien / *this product is vegan*

ISO 16128 : 1/1/0/0

APPLICATIONS:

Alimentaire, cosmétique, pharma / *food, cosmetic, pharma*

Les composants majeurs de l'huile de germes de blé sont les triglycérides d'acide linoléique, palmitique, oléique, vitamines A, D, E et K. Elle peut donc être utilisée comme régénérateur cellulaire, antirides, hydratant et protecteur dans certaines formulations en cosmétologie / *the major components of wheat germ oil are triglycerides of linoleic, palmitic, oleic acid, vitamins A, D, E and K. It can therefore be used as a cell regenerator, anti-wrinkle, moisturizer and protector in certain formulations cosmetology*

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CONDITIONNEMENT STANDARD / STANDARD PACKAGING:

Tonnelet de 27/54 kg – fût de 190 kg / 27/54 kg keg – 190 kg drum

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

A conserver en emballage hermétiquement fermé dans un endroit sec, frais et éviter tout contact avec la lumière et l'air / *store in tightly closed container in a dry, cool place and avoid contact with light and air*

Additives	This product doesn't contain additives	
Allergen	This product doesn't contain food allergen (regulation EU No 1169/2011 Annex II) and cosmetic allergen (regulation 1223/2009 & 2023/1545)	
Animal Testing	This product has not been tested on animals	
BSE - Bovine Spongiform Encephalopathy	No risk of BSE	
California Prop 65	This product (CAS: 68917-73-7) is not listed	
Carcinogenic, Mutagenic and Reprotoxic (CMR)	This product doesn't contain CMR (directive 1272/2008/CE & 2023/1490)	
Composition	100% wheat germ oil. The germ contains about 7 to 12% oil	
Cosmetic	This product complies with Cosmetic regulation 1223/2009/CEE	
Cosmos / Ecocert	No data available	
Danger	This product is not classified as dangerous in accordance with CLP and ADR	
Dioxane	Complying to 2023/915	
Ecolabel	No data available	
European Pharmacopeia	This product complies with the European Pharmacopoeia	
Food	Is a food grade product	
Genetically Modified Organisms (GMO)	This product doesn't contain GMO	
Inventories	Cas 68917-73-7 is listed in China IECSC, USA TSCA, New Zealand NZIoC, Philippines PICCS ,	Taiwan TCSI, Korea KECL , Australia AIIC , Canada DSL
Geographic origin (for plant)	China / USA	
Glycol ether	Not expected but not tested	
Halal	This product is not Halal certified	
Heavy Metals	Complying to 2023/915	
HS code	15159060	
Irradiation / ionization	There is no ionization / irradiation during the manufacturing process	
Kosher	This product is not Kosher certified	
Latex	This product doesn't contain latex	
Manufacturing location	Europe / China	
Microbiological data	This refined oil is deodorized (180 - 205°C) during the refining process, effectively eliminating microbiological activity. The water content (typically less than 0.5%) is low and provides an environment that is not suitable for microorganisms. Therefore this product is not an environment conducive to microbiological development Total aerobic: < 1000 cfu/g Absence of pathogenic germs in 1 g	
Microplastics	Not expected 2023/2055	
Nanomaterials	This product doesn't contain nanomaterials (commission recommendation, 2011/696 and cosmetic regulation 1223/2009	

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Nitrosamines	Not expected but not tested	
Nutritional data	Nutritional information (for 100g): Caloric value: 3700 KJ (900Kcal), proteins:0g, glucides:0g, lipids (fatty acids): 100g,	saturated: 18g, Mono-unsaturated: 21g, polyunsaturated: 61g, salt: 0g
Origin	100% vegetable	
PAH / PFAS	Not expected	
Pesticide	Complying to 396/2005	
Phthalate	Not expected but not tested	
Preservative	This product doesn't contain preservative (cosmetic regulation 1223/2009/CEE and 2003/15/CE)	
Process	This oil is obtained by solvent extraction (hexane) and chemical refining	
REACH	Exempted	
Residual Solvents	This product doesn't contain residual solvents (note CPMP/ICH/283/95)	
RSPO	This product doesn't contain palm – not concerned	
Shelf Life before re-check	12 months	
Substances of Very High Concern (SVHC)	This product doesn't contain SVHC	
Volatiles organic compounds (VOC)	Not expected but not tested (directive N°2010/79/UE)	

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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.*