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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
Impuretés alcalines / <i>alkaline impurities</i>	Conforme / <i>compliant</i>	Ph. Eur 2.4.19
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
Insaponifiable / <i>unsaponifiable</i>	≤ 5 % (m/m)	Ph. Eur 2.5.7
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 linoléique / <i>linolenic acid</i>	3 – 10 %	
C 20: 1 Acide eicosénoïque / <i>eicosenoic acid</i>	≤ 2 %	
Brassicastérol / <i>brassicasterol</i>	≤ 0.3 %	DGF F-III / Ph.Eur.2.4.23

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

Ces caractéristiques sont conformes aux précédentes spécifications datées d'Avril 2011 / These features are in accordance with previous specifications dated on April 2011

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*

Densité relative : environ 0.925 / *relative density : about 0.925* (Ph. Eur 2.5.5)

Indice de réfraction : environ 1.475 / *refractive index : about 1.475* (Ph. Eur 2.5.6)


Eau / *water* : ≤ 0.1 % (Ph. Eur 2.5.32)

Ce produit est végétalien / *this product is vegan*

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 25 kg – fût de 190 kg / *25 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 No1169/2011 Annex II) and cosmetic allergen (regulation 1223/2009)
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 / 841012-44-2) is not listed
Carcinogenic, Mutagenic and Reprotoxic (CMR)	This product doesn't contain CMR (directive 1272/2008/CE)
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	This product is obtained by solvent extraction – not accepted by Cosmos
Danger	This product is not classified as dangerous in accordance with CLP and ADR
Dioxane	This product doesn't contain dioxane
Ecolabel	<i>No data available</i>
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 (< 0.1 %; decree n°2012- 128 of 30/01/2012)
Inventories	Compliant with China IECSC, USA TSCA, New Zealand NZIoC, Philippines PICCS , Taiwan TCSI, Korea KECI , Australia AICS , Canada DSL
Geographic origin (for plant)	Asia / North America. Cereal (fam Poaceae)
Glycol ether	This product doesn't contain glycol ether
Halal	This product is not Halal certified
Heavy Metals	This product doesn't contain heavy metals
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
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
Nanomaterials	This product doesn't contain nanomaterials (commission recommendation, 2011/696 and cosmetic regulation 1223/2009)
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

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Pesticide	This product doesn't contain pesticides
Phthalate	This product doesn't contain phthalate
Preservative	This product doesn't contain preservative (cosmetic regulation 1223/2009/CEE and 2003/15/CE)
Process	This oil is obtained by solvent extraction and chemical refining
REACH	Exempted from the obligation according to Annex II, n°9 of EC Regulation n° 987/2008 of the Commission amending REACH Regulation EC No 1907/2006, annexes IV and V
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	18 months
Substances of Very High Concern (SVHC)	This product doesn't contain SVHC
Volatiles organic compounds (VOC)	This product doesn't contain VOC (directive N°2010/79/UE)

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