

	Dossier technique et réglementaire / <i>technical and regularoty document</i> HUILE DE BOURRACHE PRESSION A FROID BIOLOGIQUE*	Juillet 2018 / <i>July 2018</i>
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INCI: **Borago officinalis seed oil**

N° CAS: 225234-12-8

N°EINECS/ELINCS: –



DESCRIPTION / DESCRIPTION:

De couleur jaune pâle, léger goût et odeur caractéristique obtenue par pression mécanique des graines de *Borago officinalis* / *Pale yellow color, light taste and characteristic odor obtained by mechanical pressure of Borago officinalis seeds*

Matière première d'origine végétale / *Raw materail of vegetable origin*

*Matière première issue de l'Agriculture Biologique certifiée par Ecocert FR-BIO-01 / **Raw material from "Agriculture Biologique" certified by Ecocert FR-BIO-01*

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:

CARACTERISTIQUES	SPECIFICATIONS	METHODES / METHODS
Densité à 20°C / <i>Density at 20°C</i>	0.910 – 0.928 g/cm ³	Ph. Eur 2.2.5
Indice de réfraction à 20°C / <i>Refractive index at 20°C</i>	1.470 – 1.480	Ph. Eur 2.2.6
Indice d'acide / <i>Acid value</i>	≤ 6 mg KOH / g	Ph. Eur 2.5.1
Indice d'iode / <i>Iodine value</i>	130 – 150 gI ₂ / 100g	Ph. Eur 2.5.4
Indice de peroxyde / <i>Peroxide index</i>	≤ 15 meq O ₂ / kg	Ph. Eur 2.5.5
Indice de saponification / <i>Saponification value</i>	184 – 195 mg KOH/g	Ph. Eur 2.5.6
Composition en acides gras / <i>Fatty acids composition</i>		
C 16: 0 Acide palmitique / <i>Palmitic acid</i>	8 – 13 %	Ph. Eur 2.4.22
C 18: 0 Acide stéarique / <i>stearic acid</i>	2 – 6 %	Ph. Eur 2.4.22
C 18: 1 Acide oléique / <i>Oleic acid</i>	14 – 20 %	Ph. Eur 2.4.22
C 18: 2 Acide linoléique / <i>linoleic acid</i>	34 – 45 %	Ph. Eur 2.4.22
C 18: 3 Acide linolénique (gamma) / <i>linolenic acid (gamma)</i>	16 – 25 %	Ph. Eur 2.4.22
C20 : 1 Acide gadoléique / <i>Gadoleic acid</i>	3 – 5 %	Ph. Eur 2.4.22
C22 : 1 Acide érucique / <i>Erucic acid</i>	1 – 4 %	Ph. Eur 2.4.22
C24 : 1 Acide nervonique / <i>Nervonic acid</i>	1 – 3 %	Ph. Eur 2.4.22

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, soluble dans les solutions lipophiles, miscible à l'éther et à l'éther de pétrole / *Insoluble in water, soluble in lipophilic solvents, miscible with ether and ether petroleum*

Point de fusion / *melting point*: < 0°C

Point éclair / *Flash point*: > 290°C

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

Point d'inflammation / *Flash point*: > 300°C

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APPLICATIONS :

Alimentaire, Cosmétique, Pharma / *Food, Cosmetic, Pharma*
Diététique, Cosmétologie / *Dietetics, cosmetology*

CONDITIONNEMENT STANDARD / STANDARD PACKAGING:

Tonnelet de 27 kg – fût 190 kg / *Keg of 27 kg – 190 kg drum*

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

A conserver en emballage soigneusement fermé, sous atmosphère inerte à l'abri de l'humidité et de la chaleur / *Store in a tightly closed package under an inert atmosphere away from moisture and heat*

Additives	Doesn't contain additives, antioxidants. The presence of formol, formol releasers, sulfates is not expected but not analyzed
Allergen	<i>No data available</i>
Animal Testing	Has not been tested on animals
BSE - Bovine Spongiform Encephalopathy	No risk for BSE
California Prop 65	This product (CAS: 225234-12-8) is not listed
Carcinogenic, Mutagenic and Reprotoxic (CMR)	Doesn't contain substances or traces of substances CMR according to Annex VI of Directive CE 1272/2008
Composition	100% Borago officinalis seed oil
Cosmetic	This product complies with EC regulation 1223/2009
Cosmos / Ecocert	This raw material from "Agriculture Biologique" is certified by Ecocert FR-BIO-01
Danger	This product is not classified as dangerous in accordance with CLP and ADR
Dioxane	<i>No data available</i>
Ecolabel	<i>No data available</i>
European Pharmacopeia	<i>No data available</i>
Food	Is a food grade product
Genetically Modified Organisms (GMO)	Doesn't contain GMO
Inventories	This product is not compliant with inventories
Geographic origin (for plant)	Flower (fam. Boraginaceae) originally China. The grains contain 29.5 to 38% of oil
Glycol ether	The presence of glycol ether is not expected but not analyzed
Halal	<i>No data available</i>
Heavy Metals	Complies with European regulation 1881/2006 on the fixing of maximum levels
HS code	15159059
Irradiation / ionization	Has not been irradiated or ionized
Kosher	<i>No data available</i>
Latex	Doesn't contain latex
Manufacturing location	China
Microbiological data	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
Nanomaterials	Doesn't contain nanomaterials as ingredient

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Nutritional data	<i>No data available</i>
Origin	100% vegetable
Pesticide	Complies with European Regulation EC 396/2005 on the presence of pesticides in products of plant and animal origin
Phthalate	The presence of phthalates ether is not expected but not analyzed
Preservative	Doesn't contain preservatives
Process	This product is obtained by mechanical pressure of Borago officinalis seeds
REACH	Exempt of 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	Doesn't contain residual solvents
RSPO	Doesn't contain palm oil – Not concerned
Shelf Life	<i>No data available</i>
Substances of Very High Concern (SVHC)	Doesn't contain SVHC according to Annex XIV of the regulation REACH as ingredient
Volatiles organic compounds (VOC)	Doesn't contain VOC beyond the authorized limits (because of the ambient pollution, it is impossible to exclude a possible contamination at the level of traces)

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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.*