

TECHNICAL DATA SHEET

Effective date: 11.2020
Rev.1

Organic Virgin Evening Primrose Oil

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Oenothera biennis oil
Botanical name	Oenothera biennis L.
Manufacturing process	Obtained from the seeds of Oenothera biennis by cold pressure, organically farmed.
Part used	Seed

TECHNICAL DATA

Physical parameters

Appearance	Clear liquid
Color	Yellow
Odor	Characteristic
Relative density (d20/20)	[0,921 ; 0,931]
Refractive index at 20°C	[1,476 ; 1,482]
Acid value	Max. 4.0 mg KOH/g
Peroxide value	Max. 10.0 meq O ₂ /Kg
Unsaponifiable matter	Max. 2.5 %

Chemical parameters

Fatty acid composition	%
Palmitic acid (C 16:0)	[5.0 ; 7.0]
Stearic acid (C18:0)	[1.0 ; 3.0]
Oleic acid (C18:1)	[5.0 ; 10.0]
Linoleic acid (C18:2)	[68.0 ; 76.0]
Linolenic acid (C18:3)	Min. 9.0
Others	[1.0 ; 3.0]

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Contaminants

Ionization	This product did not undergo any ionizing treatment and does not contain any ingredient or additive that was treated by ionization.
Pesticides	Contents in conformity with regulation 396/2005 EC and its last amendments.
Dioxine-furane (PCDD+PCDF) / PCB type dioxins	Contents in conformity with regulation 1259/2011EC
Heavy metals	Contents in conformity with regulation 1881/2006 EC.
PAH (Polycyclic aromatic hydrocarbons)	Contents in conformity with regulation 835/2011 EC
Aflatoxins	Contents in conformity with regulation 165/2010 EC.
GMO	GMO free according to EC Reg. 1829/2003 and 1830/2003

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	The conditions of conservation are optimal when the oil is preserved in a full and closed container away from sunlight at a temperature below 18°C.
Shelf Life	24 months, in closed packaging and the recommended conditions.
Custom tariff	15 15 90 40 00/15 15 90 59 00

LEGISLATION

Certification	100% of the total ingredients are from Organic Farming. Certified as 100% organic by Ecocert.
CMR substances	This product is free from substances classified as carcinogenic, mutagenic or toxic for reproduction (CMR) of category 1A, 1B or 2 under Part 3 of Annex VI to Regulation (EC) No 1272/2008.
Nanomaterials	This product is not considered as a nanomaterial, and doesn't contain nanoparticles as defined by the European commission and as described in EU n°1223/2009 and 2012-232 (ANSES).
Animal testing	This product has not been tested on animals.
EINECS	289-859-2
CAS	90028-66-3
REACH pre-registration no.	-

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