

**TECHNICAL DATA SHEET**

Effective date: 11.2020

Organic Virgin Castor Oil, ECOCERT/COSMOS**INFORMATION ON SUBSTANCE / MIXTURE**

INCI	Ricinus communis oil
Botanical name	Ricinus communis L.
Manufacturing process	Extracted from castor beans by mechanical cold pressing
Part used	Seed

TECHNICAL DATA**Physical parameters**

Appearance	Liquid
Color	Clear to light yellow
Odor	Characteristic, very light
Relative density at 20°C	[0,952 ; 0,965]
Refractive index at 20°C	[1.477 ; 1.481]
Specific rotation	[+3,5 ; +6,0]
Specific absorbance at 269 nm	Max. 1,0
Hydroxyl value	Min. 150
Peroxide value	Max. 10,0
Acid value	Max. 2,0
Iodine value	[82 ; 90]
Water	Max. 0,3 %
Unsaponifiable matter	Max. 0,8 %

Chemical parameters

Fatty acid composition	%
Palmitic acid (C 16:0)	2,0
Stearic acid (C 18:0)	2,5
Oleic acid (C 18:1)	2,5 – 6,0
Linoleic acid (C 18:2)	2,5 – 7,0
Linolenic acid (C 18:3)	1,0
Eicosenoic acid (C 20:1)	1,0

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Ricinoleic acid	85,0 – 92,0
Any other fatty acid	1,0

LEGISLATION

Certification	100% of the total ingredients are from Organic Farming. Certified as 100% organic by Ecocert Greenlife according to COSMOS standard.
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	232-293-8
CAS	8001-79-4

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Light protected, not above room temperature, in tightly sealed containers. Once opened use immediately.
Shelf Life	36 months under good storage conditions.
Customs code	-

DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.