

**TECHNICAL DATA SHEET**

Effective date: 11.2020

Organic Neem Oil, ECOCERT/COSMOS**INFORMATION ON SUBSTANCE / MIXTURE**

INCI	Azadirachta indica seed oil
Botanical name	Azadirachta indica A. Juss
Manufacturing process	Cold processed oil obtained from the seeds of Azadirachta indica, Meliaceae.
Part used	Seed

TECHNICAL DATA**Physical parameters**

Appearance	Liquid, turbid
Color	Dark yellow to greenish brown
Odor	Strong, characteristic of Neem
Relative density at 20°C	[0,905 ; 0,965]
Refractive index at 20°C	[1,451 ; 1,485]
Peroxide index	≤ 15.0
Acid value	≤ 20.0
Iodine value	[60 ; 84]
Saponification value	[175 ; 205]
Unsaponifiable matter	≤ 4.0 %

Chemical parameters

Fatty acid composition	%
Free fatty acid (as oleic)	≤ 10.0
Palmitic acid (C 16:0)	[13.0 ; 34.0]
Stearic acid (C 18:0)	[6.0 ; 24.0]
Oleic acid (C 18:1)	[25.0 ; 62.0]
Linoleic acid (C 18:2)	[6.0 ; 20.0]
Arachidic acid (C 20:0)	4.0
Azadiractin content	≥ 1200 ppm

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Organic Neem Oil, ECOCERT/COSMOS**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	-
CAS	8002-65-1

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Keep in tightly closed containers in a cool and dry place, protected from light. Stable at usual storage and use conditions. The material will start to solidify at temperatures below 20°C
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.