

## TECHNICAL DATA SHEET

Effective date: 01.2021

### MILK THISTLE OIL VIRGIN

#### INFORMATION ON SUBSTANCE / MIXTURE

INCI	Silybum Marianum Seed Oil
Description	Oil extracted by mechanically pressing the seeds of the milk thistle Silybum marianum, Asteraceae.

#### TECHNICAL DATA

##### Chemical parameters

Specific gravity (20 degree C)	0.910-0.925
Refractive index (20 degree C)	1.470-1.480
Acid value	$\geq 5.0$
Iodine value	80-125
Saponification value	180-195

##### Fatty acid composition

Palmitic acid (C 16:0)	7.0-12.0%
Stearic acid (C 18:0)	3.0-7.0%
Oleic acid (C 18:1)	15.0-30.0%
Linoleic acid (C 18:2)	46.0-65.0%
Arachidic acid (C 20:0)	$\geq 5.0\%$
Eicosenoic acid (C 20:1)	$\geq 3.0\%$
Behenic acid (C 22:0)	$\geq 5.0\%$

#### TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Dry, cool place, protected from light
Shelf Life	Min 24 months in recommended storage conditions

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**MILK THISTLE OIL VIRGIN****LEGISLATION**

Certification	-
CMR	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.
GMO	Manufactured neither from nor by GMOs as those terms are used in Articles 2 and 9 of Council Regulation (EC) N°834/2007.
EINECS	283-298-7
CAS	84604-20-6

**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.