

TECHNICAL DATA SHEET

Effective date: 03.2022

Wheat Germ Oil

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Triticum vulgare germ oil
Botanical name	Triticum vulgare
Manufacturing process	Obtained by special production and cold processing. Impurities and pesticide residues are almost completely eliminated by a specific seed pre-treatment and production process thus producing a sophisticated oil while still preserving particular active substances in the oil.
Part used	Seed germ

TECHNICAL DATA

Physical parameters

Appearance	Liquid
Color	Yellow
Odor	Characteristic, wheat like
Relative density at 20°C	[0,920 ; 0,925]
Refractive index at 20°C	[1.472 ; 1.478]
Acid value	Max. 5,0
Iodine value	[120 ; 135]
Saponification value	[180 ; 195]
Unsaponifiable matter	Max. 5,0 %
Vitamin E	Min. 2.500 mg/kg

Chemical parameters

Fatty acid composition	%
Palmitic acid (C 16:0)	14,0 – 19,0
Palmitoleic acid (C 16:1)	Max. 1,0
Stearic acid (C 18:0)	Max. 2,0
Oleic acid (C 18:1)	12,0 – 23,0
Linoleic acid (C 18:2)	52,0 – 59,0
Linolenic acid (C 18:3)	3,0 – 10,0

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Arachidic acid (C 20:0)	Max, 1,0
Eicosenoic acid (C 20:1)	Max. 2,0
Behenic acid (C 22:0)	Max. 1,0
Sterol composition	%
Brassicasterol	Max. 0,3

LEGISLATION

Certification	-
Gluten Statement	Based on our risk assessment we declare that the content of Gluten in a.m. product is below 20mg/kg, and according to the EC-No. 828/2014 can be declared as Gluten Free.
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	68917-73-7

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Light protected, not above room temperature, in tightly sealed containers. Once opened use immediately.
Shelf Life	24 months under good storage conditions.

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.