

**TECHNICAL DATA SHEET**

Effective date: 11.2020

Sweet Almond Oil

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Prunus amygdalus dulcis oil
Botanical name	Prunus dulcis [Mill.] D. A. Webb. (var. dulcis [DC.] Buchheim)
Manufacturing process	Refined oil obtained from the ripe, shell-free seeds of the almond tree by mechanical pressing of the selected kernels and subsequent filtration.
Part used	Seed

TECHNICAL DATA**Physical parameters**

Appearance	Liquid
Color	Pale yellow
Odor	Characteristic, faintly sweet and nutty
Relative density (d ₂₀ /20)	[0,911 ; 0,920]
Refractive index at 20°C	[1.467 ; 1.473]
Acid value	Max. 0,5
Iodine value	[93 ; 105]
Saponification value	[185 ; 195]

Chemical parameters

Fatty acid composition	%
< C 16:0	Max. 0,10
Palmitic acid (C 16:0)	4,0 - 9,0
Palmitoleic acid (C 16:1)	Max. 0,80
Margaric acid (C 17:0)	Max. 0,20
Stearic acid (C 18:0)	Max. 3,0
Oleic acid (C 18:1)	62 - 86
Linoleic acid (C 18:2)	20 - 30
Linolenic acid (C 18:3)	Max. 0,40
Arachidic acid (C 20:0)	Max, 0,20
Eicosenoic acid (C 20:1)	Max. 0,30

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Behenic acid (C 22:0)	Max. 0,20
Erucic acid (C 22:1)	Max. 0,10
Sterol composition	%
Cholesterol	Max. 0,7
Campesterol	Max. 5,0
Stigmasterol	Max. 4,0
beta-sitosterol	73,0 - 87,0
Delta-5-avenasterol	Min. 5,0
Delta-7-avenasterol	Max. 3,0
Delta-7-stigmastenol	Max. 3,0
Brassicasterol	Max. 0,3

LEGISLATION

Certification	-
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	8007-69-0

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



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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.