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GRAPESEED OIL, REFINED MATERIAL SPECIFICATION

PRODUCTION DESCRIPTION: Grapeseed Oil is obtained from the seeds of the grapes (*Vitis vinifera*). The dried grape seeds are pressed and extracted. The crude oil is refined afterwards. It is mainly produced in mediterranean countries with big volumes of seeds from the wine and raisin production.

PROPERTIES

Refractive index (20° C)	1,473 - 1,477
Specific Gravity	0,918 - 0,924
Iodine Value	134 - 144
Saponification Value	188 - 194
Acid Value	max. 0,6
Colour Lovibond	max. 30 y, max. 2,5 r

SPECIFICATIONS

FATTY ACID COMPOSITION

Myristic Acid	C 14:0	traces < 0,3%
Palmitic Acid	C 16:0	5,5-11,0%
Palmitoleic Acid	C 16:1	<1,6%
Stearic Acid	C 18:0	3 - 6%
Oleic Acid	C 18:1	12 - 28%
Linoleic Acid	C 18:2	58 - 78%
Linolenic Acid	C 18:3	< 1,0%
Arachidic Acid	C 20:0	< 1,0%
Other fatty acids		< 2,0%

SHELF LIFE: 15 MONTHS

USAGE: Due to its favourable fatty acid composition with about 88% unsaturated fatty acids, thereof about 68% Linoleic acid, its easy digestibility and good stability, Grapeseed Oil is highly appreciated for dietetical purposes. For the same reasons it is also used by the cosmetic industry as a lipid component in many formulations.

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This specification was developed with utmost care based on up-to-date information available, but should also be scrutinized by the recipient. It does not release him from checking the quality of goods delivered with proper diligence.

Product: GRAPESEED OIL, REFINED