

Product - Specification

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Reg-No.: Sp300122d

Rev-No.: d

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Product / Trading-Name: **Soybean oil refined organic DE-ÖKO-001**

Description: Organic soybean oil is obtained from the organically grown seeds of Glycine soja Sieb and Zucc. and Glycine max (L.) Merr.(G. hispida (Moench) Maxim.) by expression and physical refining.

Product No.: 300122

CAS No.: 8001-22-7

EINECS No.: 232-274-4

INCI Name: Glycine Soja Oil

Properties: A clear and pale yellow oil; practically insoluble in ethanol, miscible with ether and with petroleum spirit.

Parameter	Method	Unit	Value
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Physical and Chemical Characteristics

acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 1,0
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 10,0
refractive index (20 °C)	Ph. Eur. [2.2.6]		ca. 1,475
relative density (20 °C)	Ph. Eur. [2.2.5]		ca. 0,922

Fatty Acid Composition (GC of FAMES)

16:0 palmitic acid	Ph. Eur. [2.4.22]	%	7,0 - 14,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	1,0 - 6,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	17,0 - 30,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	44,0 - 62,0
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	4,0 - 11,0

Storage:

Keep in well closed, well filled containers or under inert gas, protect from light, cool and dry.

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