

TECHNICAL DATA SHEET

Product Name	SOYBEAN OIL
Botanical Name	Glycine max
Product Code	PCO4020
CAS #	8001-22-7
EINECS #	232-274-4
INCI Name	Glycine soja (Soybean) Oil

Part Used	Seeds
Extraction Method	Cold Pressed
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Clear pale yellow colored liquid
Odour	Slight characteristic odour to almost odorless
Refractive Index	1.465 - 1.475 @ 20°C
Specific Gravity (g/mL)	0.916 - 0.922 @ 20°C
Saponification Value (mgKOH/g)	180 - 200
Peroxide Value (meq O₂/kg)	Less than 10.0
Iodine Value (g I₂/100g)	120 - 141
Acid Value (mgKOH/g)	Less than 0.5
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>
Palmitic Acid	C16:0	7.00 – 14.00
Stearic Acid	C18:0	1.00 – 6.00
Oleic Acid	C18:1 (n-9)	19.00 – 30.00
Linoleic Acid	C18:2 (n-6)	44.00 – 62.00
Alpha-Linolenic Acid	C18:3 (n-3)	4.00 – 11.00

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

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