



## SOYBEAN OIL ORGANIC

### PRODUCT DATA SHEET



**ORGANIC SOYBEAN OIL** is a Natural Vegetable Oil obtained by cold pressing and filtration of the beans of the soybean plant.

**SOYBEAN PLANT** is native to eastern Asia (China, Indonesia and Japan). Nowadays soybean plant is mainly cultivated in the USA, followed by Brazil and Argentina.

**ORGANIC SOYBEAN OIL** displays a fatty acid composition profile that provides excellent emollient properties appreciated for all cosmetics formulations.

**ORGANIC SOYBEAN OIL** is a high natural source of lecithin, sterolins, and vitamin E. Lecithin is needed by every cell in the body and is a key building block of cell membranes. Lecithin protects cells from oxidation and largely comprises the protective sheaths surrounding the brain. It is composed mostly of B vitamins, phosphoric acid, choline, linoleic acid and inositol.

### TECHNICAL DATA

**Appearance:** Yellow pale oily liquid with minimum odour  
**Acidity index:** ≤ 4.0 mg KOH/g  
**Saponification value:** 180 - 200  
**Specific gravity:** 0.916 - 0.922 g/ml

### FATTY ACIDS COMPOSITION (Fatty Acid Fraction):

<b>Linoleic Acid (<math>\Omega 6</math>)</b>	44 - 62 %
<b>Oleic Acid (<math>\Omega 9</math>)</b>	19 - 30 %
<b>Palmitic Acid</b>	7 - 14 %
<b><math>\alpha</math>-Linolenic Acid</b>	4 - 11 %
<b>Stearic Acid</b>	1 - 6 %

## SOYBEAN OIL ORGANIC

### APPLICATION



**ORGANIC SOYBEAN OIL** makes a great base for your products which are being created for outer epidermal healing. It has an advanced softening and moisturizing action that leaves the skin soft and supple so it is very suitable for very dry and dehydrated skin.

**ORGANIC SOYBEAN OIL** may be directly applied to the skin and hair. It may also be easily incorporated as an active ingredient or as an ideal carrier in skin and hair care products. The recommended dosage is between 3 to 10 %.

**ORGANIC SOYBEAN OIL** can also be directly used as massage oil.

**ORGANIC SOYBEAN OIL** is an ideal ingredient that is easily incorporated in all kinds of cosmetics from rinse-off to leave-on products.

**INCI Name:** Glycine Soja (Soybean) Oil.

**CAS N°:** 8001-22-7

**EINECS N°:** 232-274-4



**SOYBEAN OIL ORGANIC****CODE** 008094      **SPECIFICATION**      **Nº** 00809405

<b>PARAMETERS</b>	<b>SPECIFICATIONS</b>	<b>EDITION - 02/03/2012</b>
Appearance	The oil obtained is of bright yellowish colour with a typically mild and taste	
Acid Value	max. 4.0	
Saponification Value	180 - 200	
Iodine Value	120 - 141	
Specific Gravity ( 20°C )	0.916 - 0.922	
Refractive Index ( 20°C )	1.465 - 1.475	
CHROMATOGRAPHY	FATTY ACID COMPOSITION	
Palmitic acid	7.0 - 14.0 %	
Stearic acid	1.0 - 6.0 %	
Oleic acid	19.0 - 30.0 %	
Linoleic acid	44 - 62 %	
alpha - Linolenic acid	4.0 - 11.0 %	

**PACKING****REMARKS**

KEEP FULL AND WELL CLOSED IN A DRY PLACE AND AWAY FROM LIGHT