

LINSEED OIL

PRODUCT DATA SHEET



LINSEED is original from Middle East countries. Its benefits were known to ancient Egyptians who used it for cooking, medicinal and cosmetic purposes.

LINSEED OIL is a limpid, pale yellow liquid, having a pleasant oily candy odour.

LINSEED OIL is obtained by cold pressing the ripe linseeds. It is a rich source of extremely valuable natural bioactive substances, such as vitamins A, B and E, amino acids, as well as many minerals.

LINSEED OIL is a Refined Vegetable Oil from Linseed seeds which contain about 35% oil which is characterized by its high content in polyunsaturated fats. The oil contains about 20 % Oleic, 55% α -Linolenic acid (Omega3) and 15% of Linoleic acid (Omega 6). It is one of the few vegetable oils having such a high content in α -Linolenic acid.

TEXTRON S LINSEED OIL possesses excellent emollient and moisturizing properties. It is highly hydrating and nourishing due to the Omega 6 content and it is very easily absorbed. It also stimulates cell regeneration.

TECHNICAL DATA

Appearance:	Pale yellow oily liquid
Acidity index:	≤ 0.50 mg KOH/g
Peroxide value:	≤ 5.0 meq O ₂ /Kg
Specific gravity:	0.925 - 0.935 g/ml
Gardner Colour:	3 - 4

Main fatty acids composition (Fatty Acid Fraction):

α -Linolenic Acid ($\Omega 3$)	35 - 55 %
Linoleic Acid ($\Omega 6$)	11 - 24 %
Oleic Acid ($\Omega 9$)	11 - 35 %
Palmitic Acid	3 - 8 %
Stearic Acid	2 - 8 %

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APPLICATION

Folk medicine has been using **LINSEED OIL** to heal skin burns and frostbite and to repair damaged, dry and flaky epidermis.

LINSEED OIL strengthens and reduces redness, with rich active ingredients such as rare, powerful natural antioxidants (lignans), Omega 3, vitamins and minerals.

TEXTRON S LINSEED OIL may be directly applied to the skin and hair for care and protection. It may also be easily formulated as an active ingredient in hair care products or in general cosmetic formulations. The recommended dosage is between 3 and 10 %.

LINSEED OIL has been used:

- As an emollient, anti-inflammatory and healing agent.
- To create smooth and soft skin.
- To help prevent scars and stretch marks.

LINSEED OIL can also be used for massage and health treatments of the body.

LINSEED OIL mixed with an equal quantity of lime water is an excellent application for burns and scalds. And mixed with honey it has been used as a cosmetic to treat acne.

INCI Name: Linum usitatissimum L. (LINSEED) Seed Oil.

CAS N°: 8001-26-1

EINECS N°: 232-278-6

LINSEED OIL**CODE** 008231 **SPECIFICATION** **Nº** 00823104

PARAMETERS	SPECIFICATIONS	EDITION - 14/09/2007
Appearance	Liquid	
Color	Yellowish	
Odour	Oily candy	
Relative Density (at 25°C)	0.9925 - 0.9935	
Iodine Value	174 - 188	
Acid Value (mg KOH/g)	max. 0.5	
Gardner	3 - 4	

PACKING**REMARKS**
