

SAFFLOWER OIL HIGH LINOLEIC

PRODUCT DATA SHEET



SAFFLOWER OIL HIGH LINOLEIC is a Refined Vegetable Oil obtained from the seed of the safflower plant (*Carthamus tinctorius*). Seeds have been found in Egyptian tombs over 4,000 years old, and its use was recorded in China approximately 2,200 years ago. Safflower has many uses. In traditional Chinese medicine, safflower petals are regarded as a stimulant for blood circulation and phlegm reduction, the healing of fractures, contusions and strains.

SAFFLOWER OIL HIGH LINOLEIC is high in polyunsaturated fatty acids. Fatty acids are necessary along with glycerol for the cell to function normally.

SAFFLOWER OIL HIGH LINOLEIC offers a high linoleic acid (Omega 6) content and quick penetration into the skin. This oil is suitable for all skin types.

SAFFLOWER OIL HIGH LINOLEIC contains up to 80% of Linoleic Acid, an Omega 6 essential fatty acid. Studies have indicated that it is this high Linoleic Acid content that contributes to reduce the TEWL (Trans-Epidermal Water Loss), resulting in better moisture retention, which is the key to maintain a healthy skin.

TECHNICAL DATA

Appearance:	Clear and bright yellow oily liquid
Acidity index:	≤ 0.20 mg KOH/g oil
Peroxide value:	≤ 5.0 meq O ₂ /Kg oil
Specific gravity:	0.920 - 0.926 g/ml

Fatty Acid	Composition
Stearic acid	1 - 3 %
Palmitic acid	5 - 10 %
Oleic acid	12 - 16 %
Linoleic acid	70 - 80 %

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APPLICATION



SAFFLOWER OIL HIGH LINOLEIC applies easily, offers deep penetration and significant moisture retention together with high nourishing properties.

SAFFLOWER OIL HIGH LINOLEIC may be applied directly to the skin and hair. It may also be easily incorporated as an active ingredient or an excellent carrier in skin and hair care products. Recommended dosage is between 3 and 10%.

SAFFLOWER OIL HIGH LINOLEIC is designed for all kinds of cosmetic products from rinse-off to leave-on, showing a great compatibility with all cosmetic ingredients.

SAFFLOWER OIL HIGH LINOLEIC can also be used directly as massage oil.

INCI Name: *Carthamus tinctorius* (Safflower) seed Oil.