

PREMIER SPECIALTIES

Premier Specialties, Inc. 201 Egel Avenue, Middlesex, New Jersey 08846-2502



OLIVE OIL IS

PRODUCT NAME

PREMIER OLIVE
OIL IS

APPLICATION(S)

hair care
sun protection
anti-aging
sensitive skin
baby care

COMPOSITION (INCI)

Olea europaea
(Olive) Fruit Oil

ORIGIN

Plant

CAS NUMBERS

8001-25-0

USE LEVEL

0.5-100%

SOLUBILITY

Oil

PRODUCT CODE

Premier # 362685

PREMIER OLIVE OIL IS

Olive Oil is obtained from the pressing of fruit of the Mediterranean evergreen tree, *Olea europaea*. The use of olive oil to beautify hair and skin has been recorded since ancient times.

Olive Oil exhibits excellent spreadability on the skin, making it ideal as a massage oil or carrier for treatment products. It adds moisturizing attributes to creams and lotions and bar soaps. May be used in cosmetics, toiletries, soaps, massage oils & balms, hair care and sun care preparations.

WHY OLIVE OIL IS?

Premier Olive Oil IS is manufactured via a proprietary method of internal stabilization (IS) using advanced processing techniques and a natural, odorless herbal extract from rosemary. This process dramatically improves the oxidative stability of natural oils and reduces the need for the use of additional external stabilizers. In addition, this specific rosemary extract provides anti-microbial properties, allowing for a reduction in the dosage of synthetic preservatives.

Olive oil contains vitamins, a significant amount of linoleic and oleic essential fatty acids and squalene to repair and protect skin, restoring softness and a more youthful appearance. Its compositional make up is quite similar to that of sebum, making olive oil highly skin compliant and ideal for the delivery of active ingredients. Olive oil also contains naturally occurring phenolic compounds, oleuropein and its byproduct hydroxytyrosol. These compounds provide excellent antioxidant activity and inhibit platelet aggregation.

Olive Oil is a valuable non-irritating agent for use in sensitive, dry, rough skin in moisturizing, after sun care, anti-aging, soap, massage oil and lip treatment formulations. It also has use in adding shine, luster and conditioning to hair care products.

ACTIVITY OF OLIVE OIL IS

- ◆ Highly emollient
- ◆ Anti-Aging
- ◆ Protective
- ◆ Conditioning
- ◆ Antioxidant
- ◆ Healing
- ◆ Moisturizing
- ◆ Nourishing



PREMIER SPECIALTIES

Premier Specialties, Inc. 201 Egel Avenue, Middlesex, New Jersey 08846-2502

PREMIER OLIVE OIL IS



TYPICAL PROPERTIES

Appearance	Liquid
Color	Yellow to Greenish
Odor	Characteristic
Free Fatty Acid(as oleic acid)	Max. 2.0
Iodine Value	75 – 94
Peroxide Value	Max. 10
Fatty Acid Profile	
Palmitic C16:0	7 – 20%
Stearic C18:0	0 – 5%
Oleic C18:1	56 – 85%
Linoleic C18:2	3.5 – 20%
Linolenic acid C18:3	0 – 2%
Arachidic C20:0	0 – 0.5%

REFERENCES

1. E Tripoli et al., The phenolic compounds of olive oil: structure, biological activity and beneficial effects on human health. Nutrition Research Reviews (2005), 18: 98-112.
2. Keceli T & Gordon MH (2001) The antioxidant activity and stability of the phenolic fraction of green olives and extra virgin olive oil. Journal of the Science of Food and Agriculture 81: 1391-1396.
3. Speroni E, et al., Oleuropein evaluated in vitro and in vivo as an antioxidant. Phytotherapy Research (1998), 12, 98–100.
4. A Petron et al., Inhibition of platelet aggregation and eicosanoid production by phenolic components of olive oil. 1995, Thrombosis Research, 78 (Issue 2): 151-160.
5. F Visioli et al., Antioxidant and other biological activities of phenols from olives and olive oil. Medicinal Research Reviews (Jan. 2002), 22: 65-75.
6. Wertz, PW and Downing,DT,. Metabolism of linoleic acid in porcine epidermis. J Lipid Res. 1990 Oct 31(10):1839-44.
7. Wertz, PW et al., Effect of essential fatty acid deficiency on the epidermal sphingolipids of the rat. Biochim Biophys Acta. 1983 Oct 11; 753(3):350-5.

Page 2 of 2

Information contained in this technical literature is believed to be accurate and is offered in good faith for the benefit of the consumer. The company, however, cannot assume any liability or risk involved in the use of its chemical products since the conditions of use are beyond our control. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. The products are for industrial use only. We make no warranty of any kind, expressed or implied, other than that the material conforms to the applied standard specifications.

September 28, 2014