



NATURAL SOURCING™

Specialists in Cosmeceutical Ingredients

CUCUMBER SEED OIL

Suitable for cosmeceutical applications.

INCI: Cucumis Sativus (Cucumber) Oil

Method of Extraction: Cold Pressed

Shelf Life: Stable 1-2 Years

Background:

Cucumber Seed Oil is cold pressed from the cleaned and dried seeds of cucumbers. It is then carefully filtered to obtain a brilliant, clear yellow oil with a mild, fresh cucumber aroma.

Cucumber Seed Oil contains about 14-20% oleic acid and about 60-68% omega 3 linoleic acid making it an excellent choice for use in moisturizing formulations for the skin and hair care. A high content of natural tocopherols and phytosterols further enhance its protective and nutritive benefits for personal care.

Cucumber Seed Oil Properties:

- Absorbs Quickly
- Highly Moisturizing
- Rich in Tocopherols & Tocotrienols:
 - Alpha Tocopherol: 40-70 ppm
 - Gamma Tocopherol: 600-700 ppm
 - Gamma Tocotrienol: 25-45 ppm
- Rich in Phytosterols:
 - Campesterol: 40-60 ppm
 - Stigmasterol: 30-50 ppm
 - Beta sitosterol: 3400-3500 ppm
 - Δ^7 Stigmasterol: 200-250 ppm
 - Δ^7 Avenasterol: 1100-1200 ppm
- Skin-Nourishing Fatty Acid Profile:
 - Palmitic Acid: 9-13%
 - Stearic Acid: 6-9%
 - Oleic Acid: 14-20%
 - Linoleic Acid: 60-68%
 - Linolenic: <1%
- May Help Protect Skin from Free Radicals
- Stable Shelf Life



Cosmeceutical Uses:

Cucumber Seed Oil possesses a remarkable amount of phytosterols making it a noteworthy ingredient in personal care formulations. Studies indicate that phytosterols help the skin strengthen its lipid barrier, restoring proper moisture balance, smoothing the skin's surface and improving skin elasticity. Phytosterols are also known for their ability to nourish and stimulate the skin cells to encourage regeneration of healthy skin cells.

Cucumber seed oil contains a significant percentage of oleic acid and linoleic acid and can be effective in treating dry skin, eczema, psoriasis, acne and sunburned skin. It is a good choice for inclusion in formulations for revitalizing maturing skin. Furthermore, the high tocopherol and tocotrienol content indicates that cucumber seed oil would be effective in defending skin cells from free-radical damage.

Cucumber Seed Oil is a Highly Recommended Ingredient in Personal Care Products Intended for the Following:

- Anti-Aging and Wrinkle Reduction
- Acne
- Psoriasis
- Eczema
- Acne and Other Skin Conditions
- Sunburn
- Stretch Marks
- Damaged Hair
- Dry Scalp
- Brittle Nails



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Cucumber Seed Oil is Perfectly Suited for the Following Cosmeceutical Applications:

- Moisturizers
- Sunscreens and After-Sun Care
- Anti-Aging Preparations
- Hair Care
- Lip Care
- Nail Care
- Massage

Standard Packaging:

Cucumber Seed Oil is available in 25 kg and 180 kg quantities.

For more information on Natural Sourcing's Cucumber Seed Oil and our selection of other organic and conventional vegetable oils, visit www.naturalsourcing.com or call our Customer Care department at (800) 340-0080 or (203) 702-2500.

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