

Application Note

Description

EcovaPure™ EO is a pure oil comprised of triglycerides (fatty acids) and cholesterol. Egg oil has been used in traditional Chinese and Indian medicine for hundreds of years. Chinese medicine considers heated egg yolk oil as anti-inflammatory, analgesic, astringent, myogenic, and a wound protectant. Many of the fatty acids in egg oil are considered “essential” and include oleic and linoleic fatty acids. Cholesterol is known for being beneficial for the skin and hair and is easily absorbed in the absence of proteins.

Applications

Egg Oil in Cosmetics:

- Hair Treatments: hair loss, dandruff, grey hair, frizzy hair, stimulating hair growth, moisture restoration
- Cosmetic Treatments (lotions, serums, pure oil applications):
 - Excellent carrier oil in creams, ointments, lotions
 - Moisturizer, antioxidant, skin penetration enhancer, conditioner, anti-bacterial agent
 - Anti-ageing properties
- Essential Oil Applications: since it is so beneficial for the skin and can penetrate the barrier easily, it is an excellent carrier oil for essential oils.
- Nails: It can be used as a cuticle softener and to reduce the peeling of nails

Traditional Medicine:

- Skin Conditions: burns, eczema, dermatitis, mouth ulcers, skin ulcers, chapped nipples, tinea capitis, ringworm, nasal vestibulitis, frostbite, and hemorrhoids.
- Egg Oil taken internally is thought to treat indigestion, gastric ulcers, improve memory, and support immune system function.

Example Treatments:

- Eczema (and other topical treatments): Spread oil on affected area. The redness, itching, etc., should be reduced by 3-5 during the healing process.
- Indigestion, ulcers, diarrhea: Oral administration of 15-20 ml day, before meals.
- Cosmetics: Add oil in quantities of between 5% and 100% to creams, eye cream, masks (emollient, firming, replenish skin nutrition, blemish and scar repair).
- Hair treatments:
 - Add a few drops to hand and work through the bottom of hair to nourish hair, prevent split ends, and use as a styling aid.
 - Heat oil by placing a measuring cup with 2-4 tbsp of oil in hot water (ensure it is warm, not scalding). Wet hair and massage the oil into your scalp using fingertips dipped in the warm oil. Heat a towel and wrap hair in towel, letting sit for 15-20 minutes. Wash and rinse hair. Perform treatment once per month.

More Information

You can read more about our egg oil products on our website:
<http://ecovatec.com/egg-oil/>

Brochure

White Paper

Specification

Technology Solutions for **Healthy Living**

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Sample Products



This product is made in India and contains egg oil and vegetable oil. It is priced at \$16.69 USD for a 50 mL bottle (<https://www.amazon.com/Eyova-Hair-Nutrient-Egg-Pack/dp/B01CP2FGEA?th=1>). It is suggested that when selling an egg oil product, it is diluted with another oil such as coconut, MCT, or olive oil to keep the product reasonably priced for customers. These secondary oils also often have cosmetic benefits that will enable the seller to make additional claims about the product.



Al Shaafi Herbal Hair Oil's Egg Yolk Hair Oil (4 fl oz) is sold on Amazon. The current price is \$27 USD. It is advertised as follows:

- Egg premium hair oil extracted from egg yolks. Egg oil is an excellent natural solution to all round hair care to prevent hair loss, treat dandruff, arrest greying, moisturise the scalp and promote new healthy hair growth.
- Massage egg oil well into the scalp for 5-10 minutes and leave it on overnight. Egg oil contains: Long chain polyunsaturated Omega-3 fatty acids like Docosahexaenoic Acid (DHA) which revitalize the follicle cells. Anti-oxidant xanthophylls like lutein and zeaxanthin which arrest premature aging (graying). Immunoglobulins which reduce inflammation. Cholesterol which brings luster and shine to hair as well as eliminates dandruff.

This pure egg oil is sold by Sanjivani Herbal Centre on Indiamart.com (no price). The company describes it as being used in traditional cosmetics since the 11th century in Jewish, Greek, Arab and Latin cultures. They also note it's ability to be a carrier oil in creams, ointments, sun screen products, and lotions. They further describe it below:



- It is an emollient, moisturizer, anti-oxidant, penetration enhancer, occlusive skin conditioner and anti-bacterial agent.
- Egg oil also helps the texture, lubricating and anti -friction properties of creams and lotions for skin
- as an occlusive agent, it protects against dehydration without disturbing the pores and is easily incorporated in topical preparations since it forms stable oil in water emulsions.
- In Indian, Japanese, Unani (Roghan Baiza Murgh) and Chinese traditional medicine, egg oil was traditionally used as a treatment for hair care.



Go Natural's Egg Yolk Oil (5.10 USD for 30 mL) is based in Pakistan. (<http://gonatural.com.pk/product/egg-yolk-oil/>). They primarily advertise it as a hair oil that nourishes hair and promotes growth. They also mention its anti-ageing properties like reducing premature graying and hair loss.

Technology Solutions for Healthy Living