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EGG YOLK OIL – NATURE’S MAGIC INGREDIENT!!

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By Stuti Singh

Maintaining healthy skin and hair is a challenge these days given the heat, dust, pollution, stress and long working hours in air-conditioned surroundings. Artificial (chemical) hair and skin treatments are not the permanent solutions for everyday wear & tear. In fact, chemicals damage the hair and skin irreparably. To fight this challenge, nature has blessed us with a promising ingredient in the form of egg oil.

Egg oil also known as Egg yolk oil (Urdu: *Roghan Baiza Murg*) extracted from yolk of chicken eggs -- mainly contains triglycerides with cholesterol and phospholipids. Studies have shown that cholesterol is essential for the skin and hair. Egg Oil is a high quality and functional source for highly bio-available cholesterol. Cholesterol is readily absorbed into the skin and scalp. Personal care products containing cholesterol have shown great promise in healing dry and damaged skin.

Egg Oil is also rich in essential poly unsaturated fatty acids (PUFA) like Omega-3 & Omega-6. These fatty acids are essential to maintain the normal growth of cells.

Happy And Healthy Skin

Skin is an audacious organ. It protects us from environmental challenges and infection. Having a healthy skin is the most important aspect of good health. It is ironic how we use chemicals for repairing our skin and they instead damage it beyond repair. Egg oil has all the properties that replenish the skin.

It is an excellent emollient and has the properties of a moisturizer because of which it is used in a variety of cosmetic preparations such as creams, ointments and lotions. It helps the texture, lubricating and anti-friction properties of these creams and lotions. It is also a penetration enhancer which makes it an important ingredient in sun-screen products. Egg oil acts as a compatible dermatological agent. With fine spreading, it reduces the scaling effect of many cosmetic formulations, thus helping to avoid heat congestion. Testing indicates that Egg Oil exhibits anti-inflammatory & anti-bacterial properties. Studies also indicate that Egg Oil may dramatically reduce scarring and reduce the appearance of aging scars.

As an occlusive agent, egg oil protects against dehydration without disturbing the pores and is easily incorporated in topical preparations since it forms stable oil in water emulsions. . In a scientific study done on human skin cells, it was found that after 24 hours Egg Oil treated cells produced less Reactive Oxygen Species (ROS). ROS is the major cause of ageing. Hence, egg oil has potent anti ageing properties. Thus egg oil has a dramatic ability to nourish, moisturize and improve the condition of the skin while maintaining youthful glow.

Egg oil is used in products meant for the treatment of burns and wounds because of its excellent healing and anti-inflammatory properties. Whenever there is any injury or infection, inflammation ensues. Inflammation is a protective attempt by the organism to remove the injurious stimuli and to initiate the healing process. Without inflammation, wounds and infections would never heal. Inflammation involves pain. Redness, heat or fever and swelling, all these are signals for the “soldiers of the body” or the white blood cells to gear up for action. The major mediator of inflammatory

response is a molecule called interleukin 8 or IL 8. Egg oil was found to stimulate the release of IL 8. Thus Egg Oil stimulates the inflammatory processes and inhibits bacterial growth at the site of injury and also reduces pain.

Egg oil aids re-epithilisation and it was found that the wound closes earlier in burn patients treated with egg oil than those treated with silver sulfadiazine ointment, the later being commonly used. The biological effectiveness of egg oil was tested in patients with scars. Egg oil improved blood circulation in the scar tissue and also in the adjacent healthy tissue. It minimized the formation of scars.

Oil For Naturally Beautiful Hair

Beautiful hair is a much coveted accessory. Egg oil helps the hair to recreate itself and maintains the texture of hair with the presence of the important elements. Egg oil is an excellent natural hair nutrient for dry scalp which nourishes hair and promotes growth of healthy hair giving natural softness. It is ideal for use in hair care since as it acts as a humectants drawing moisture in as it conditions. Egg oil averts falling of hair, prevents premature graying and strengthens hair with regular use. It has superior nourishing and conditioning property which help in reducing the onset of premature hair loss. Egg oil also promotes the growth of new hair by nourishing the hair roots.

Tried And Tested Since Millenia!

Egg oil is a completely natural product. It finds its reference in texts that date back to thousands of years. Egg oil also has its reference in Alchemy (originated circa 400 BC) in regard to its effectiveness in regeneration of skin and cell membranes. OLEOVA has been used in treating wounds and injuries since centuries. Ambroise Paré used a solution of egg yolk, oil of roses, and turpentine for war wounds, an old method that the Romans had discovered 1000 years before him. He published his first book 'The method of curing wounds caused by arquebus and firearms' in 1545. It aids faster healing by re-epithilisation, keeping the wound sterile due to its anti-bacterial action and minimizes scars. In Indian, Japanese, Chinese and the 2000 year old Unani-tibb or Greek system of medicine (*Roghan Baiza Murgh*), egg oil was traditionally used as a treatment for hair care. For treatment of Scabies in Spain, Oil of Egg Yolk was used along with oil of castor and roses in ancient Andalusia.

It Is Natural, It Is Safe!

VAV Life Sciences has developed a cold process technology to extract egg yolk oil from chicken eggs. This process does not use any chemicals and preserves the therapeutic properties of the oil. This novel ingredient branded as OLEOVA® (Egg Oil) has a distinct advantage of being safe to use even by people allergic to eggs since it is free of egg proteins. VAV Life Sciences Pvt Ltd is a pioneering name in the field of Active pharmaceuticals Ingredients (APIs), food ingredients and nutritional supplements.

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