

Some Features and Benefits of Emu Oil

FEATURES	BENEFITS
<p>OLEIC ACID</p> <p>A skin cell regenerator and preserver.</p>	<p>Has a beneficial effect on cardiovascular disease.</p>
<p>And</p> <p>An epidermal transporter of bio-active compounds that conducts them through the underlying layer of the skin down to muscle tissue and blood vessels.</p>	<p>Can be combined with other enhancers or drugs for topical application of treatments or medicines only previously administered internally (often with side effects).</p> <p>A breakdown in duration and efficacy of moisturisers, balms and creams due to the penetrative consequences of the acid in the Emu oil.</p>
<p>Microbiological Testing</p> <p>Emu oil has been tested for the following bacteria and found no growth nor indeed presence in the fat: anaerobic bacteria, fungi, salmonella, shigella, staphylococcus, streptococcus, & E. coli.</p> <p>It can be concluded that emu oil does not readily promote the growth of bacteria etc.</p>	<p>An unusual and remarkable quality leading to current and projected application in many commercial products instead of chemical preservatives and stabilisers presently used in creams, make-up and even food: eg. Hydrogenated vegetable oil for food and liposomes in the cosmetics industry.</p>
<p>Fatty Acid Analysis/Effects on Heart Disease and Arthritis</p> <p>Omega 6 fatty acids; necessary as building blocks for very powerful compounds, prostaglandins, as certain diseases can cause an imbalance of prostaglandins in the body.</p>	<p>The balancing of prostaglandins in the body serves to control and ease the effects of arthritis, control of blood pressure etc.</p>
<p>Linolenic acid</p> <p>Present in high quality in emu oils and known to ease muscle ache, joint pain and have anti-inflammatory properties.</p>	<p>The alpha-linolenic acid in emu oil has anti-inflammatory properties that will substantially reduce the pain and inflammation of arthritis (rheumatoid and osteoarthritis). It is also a precursor of EPA & DHE which are again critical in the fight against heart disease.</p>

<p>Long Shelf Life Properties</p> <p>Emu oil is stable at room temperature, does not readily oxidise and if properly refined, does not deteriorate in storage after two years.</p> <p>In this respect, emu fat shares more in common with some seed oils rather than other animal fats.</p>	<p>Potential as a natural product stabiliser and preserver.</p>
<p>Skin Moisturiser</p> <p>It is able to enhance the skin's upper layers to hold water, penetrate the epidermis and stimulate its rete ridges which would enhance the thickness of the dermis.</p>	<p>Transforms rough dry skin to a smooth and healthy appearance.</p> <p>Can reverse the ravages of ageing.</p> <p>Can offer similar benefits to hair and nails.</p>
<p>Emulsifier</p> <p>Emu oil is a good emulsifier being able to blend two products together naturally.</p>	<p>Will have many applications for cosmetics and creams.</p> <p>Can combine with many pharmaceutical ingredients to improve therapies eg. Aspirin for pain relief.</p>
<p>Epithelialised Wounds</p> <p>Emu oil has demonstrated scar reduction and anti-inflammatory action.</p> <p>Emu oil is sterile and hence can be used in an open area of the skin.</p>	<p>Speeds up the healing process from surgery and burns by reducing inflammation, preventing scarring and soothing pain.</p> <p>It reduces irritation in eczema, the scarring of keloids and has advantages in skin grafting.</p>
<p>Hair Regrowth</p> <p>There was a 20% increase in DNA synthesis, stimulated hair and skin growth and hair follicles were more robust.</p>	<p>Stimulates hair regrowth.</p>
<p>Comedogenicity (pore clogging)</p> <p>Unlike other oils, emu oil does not clog up the pores of the skin or cause acne.</p>	<p>More effective skin treatments which will enable the emollients to penetrate the skin's surface and have greater impact without greasy residue, a boon for the cosmetics industry.</p> <p>Similarly, it is more active than water based creams which do not penetrate the skin barrier.</p>