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Anise Myrtle

Syzygium anisatum

Aroma:

Aniseed, fennel or licorice scent

Common Name(s):

Aniseed Myrtle, Ringwood



Therapeutic Properties:

Formerly known as *Backhousia anisata* and *Anetholea anisata*, the anethole chemotype of the botanically reassigned *Syzygium anisatum* can be used as a flavoring agent in foods and beverages. Like many other plants with similar flavor qualities it acts as a digestive aid and carminative. Low amounts will suffice in most formulations as it has a very high odor and flavor intensity. Much like licorice, Anise Myrtle Oil is used as an expectorant and it is best added to other oils to complement and potentiate other medicinal activities. It may be used in the fragrance industry as a substitute for anise or fennel aroma.

"Anethole is regarded as an antiseptic, bactericide, cancer-preventative, carminative, dermatitogenic, expectorant, fungicide, gastrostimulant and insecticide" (Webb). It lowers the sympathetic nervous system response, allowing for a greater sense of relaxation.

Anise Myrtle Oil is "an anesthetic, anticonvulsant, myorelaxant, cancer-preventative, fungicide, antispasmodic, a carminative and stabilizes the sympathetic nervous system, hence its antispasmodic qualities" (Webb).

Results from research conducted in 2005, demonstrate that essential oils from *Syzygium anisata* and other Australian plants may be valuable antimicrobial agents for use alone or incorporated into cosmetics, cleaning agents and pharmaceutical products (Wilkinson).

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VERSION 2.1

Down Under Enterprises, Inc.

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Potential Product Applications:

Skincare	Personal Care	Medicinal	Household	Other
Shaving & Post Wax	Hand & Body Wash	Decongestant		Food Preservative
	Massage			Culinary
	Hair Care			Perfume
	Oral Care			Aromatherapy
	Lip Balm			

FDA Disclaimer:

These statements have not been evaluated by the FDA. This product is not intended to diagnose, treat, cure, or prevent any disease.

Major Chemical Constituents:

Component:	Indicative Composition (%):
e-anethole	>80

Two chemotypes exist: (a) one rich in (E)-anethole (90+%) and (b) rich in methyl chavicol (60-75%), which is also known as estragole (commonly found in basil and tarragon). Minor amounts of alpha-pinene, cineole, (Z)-anethole, alpha farnesene and anisaldehyde exist in each chemotype.

Toxicology and Irritancy:

	mg/kg body weight:	Acute/Chronic:	Model:
Oral Toxicity:	Not available	Not available	

Indicative Use:

FOR EXTERNAL USE; NOT TO BE CONSUMED

Bibliography:

Bowles, Joy. *The Chemistry of Aromatherapeutic Oils*; Allen & Unwin 2003; NSW Australia.

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Webb, Mark; *Bush Sense*; Griffin Press 2000; Adelaide, Australia.

Wilkinson, J.M., Cavanagh, H.M.A., "Antibacterial activity of essential oils from Australian native plants", *Phytotherapy Research*, Volume 19, Issue 7, pp.643 - 646. July 2005

About Down Under Enterprises:

Down Under Enterprises is a family owned business specializing in wholesale supply of Australian native ingredients including essential oils and carrier oils. Our products are 100% pure and natural and derive from plantations in Australia. They are available as conventional farmed, organic, and wild crafted. Each product has its unique therapeutic, antimicrobial, and aromatic benefits.

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