

EVOIL[®] SPA TEA TREE

PRODUCT DATA SHEET



EVOIL[®] SPA TEA TREE is a composition of vegetable oils and tea tree essential oil in order to create a multi-functional oil.

Plants elaborate essential oils with the purpose of protecting themselves from diseases, drive away predator insects or attract beneficial insects.

Essential oils act, among other ways, by stimulating the sense of smell, harmonizing the psychic and emotional states since smell is directly connected to the zone of the brain where the center of emotions is located.

Essential oils by themselves are very powerful concentrates, and unless indicated otherwise, should not be directly applied to the skin or irritation can result. **EVOIL[®] SPA TEA TREE** is formulated in natural vegetable oils: Sweet Almond, Borage, Sesame and Sunflower oils, all of them renowned for their excellent emollient properties.

DESCRIPTION OF INGREDIENTS

TEA TREE OIL is the essential oil obtained by steam-distillation from *Melaleuca alternifolia*, an Australian native plant. Its aroma is described as medicinal, fresh, and woody. Historically, **TEA TREE** has been used by Australian aboriginal people to treat cuts and wounds, also as an antiseptic and antifungal.



TEA TREE OIL contains over 100 components. This may explain its many beneficial uses. The main active components are terpinen-4-ol, 1,8-cineole, γ -terpinene, p-cymene and other turpenes; most of them are bactericidal and germicidal. There are many reports that support the popularity of **TEA TREE OIL** as an antimicrobial agent for the treatment of tinea pedis (athlete's foot) and acne^{1,2,3}.

Another property of **TEA TREE OIL** is that it promotes the growth and repair of healthy tissue, which lessens the chance of scarring. The oil works by activating white blood cells, the body's first line of defense. It also has a marked oil dissolving and dispersing action, which can help alleviate overly oily secretions of the skin.

EVOIL[®] SPA TEA TREE



BORAGE OIL offers ease of spreading, great penetration and significant moisture retention combined with its high nourishing properties. It also helps to reduce the redness so often experienced with very sensitive skins.

BORAGE OIL contains up to 25 % of γ -linolenic acid (GLA). Researchers have discovered that eczema may be linked to a deficiency of GLA. The body metabolizes GLA into hormone-like compounds that regulate inflammation and allergic response⁴.

BORAGE OIL is of great use on problem skins, especially with acne, pimples and blemishes. It can also help treat rosacea by reducing inflammation and controlling the cells metabolism. The tannins contained in the oil have a slight tightening effect on the skin.

SESAME OIL contains powerful antioxidants called sesamol and sesamol, believed to promote cell integrity and the healthy function of body tissues. In the tissues beneath the skin **SESAME OIL** will neutralize oxygen radicals. **SESAME OIL** is a natural antibacterial, antiviral and anti-inflammatory agent, and for these reasons it has been used to treat acne.



SESAME OIL can also be used for massage and health treatments of the body. It is used to warm and stimulate the skin and underlying tissue, therefore it can be thought of as detoxifying. Its warming effects enhance the circulation.

APPLICATION



EVOIL[®] SPA TEA TREE can be directly applied to the skin and scalp as a massage oil. It may also be warmed up to increase its absorption and aromatherapy action.

As a massage oil or diluted in the bath, **EVOIL[®] SPA TEA TREE** may help with respiratory ailments such as sinusitis, colds and coughs, bronchitis, as well as arthritis, dermatitis, skin infections, scalp disorders, viral infections, nettle rash and sweaty feet.

When **EVOIL[®] SPA TEA TREE** is blended into a cream or lotion and applied to the skin, it may help to clear up any fungal, bacterial as well as viral infections ranging from boils, abscesses, acne, dandruff, and it is also effective to help sort out bed sores, diaper rash or any other rash.

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OIL STABILITY INDEX (OSI)

The Oil Stability Index (OSI) was determined using a Rancimat instrument. The rapidity of oxidation of an oil depends on the degree of unsaturation, the presence of antioxidants, and prior storage conditions. In the OSI analysis, the rate of oxidation is slow until resistance to oxidation is overcome. This time is known as the oxidation induction period and it is a tool to determine the useful life of the oil.

EVOIL[®] SPA TEA TREE OSI: 25.41 hours (100 °C)

ISO 6886 (1996)

Animal and vegetable fats and oils
Determination of oxidation
stability

Conditions

Sample amount 2.5 ± 0.01 g

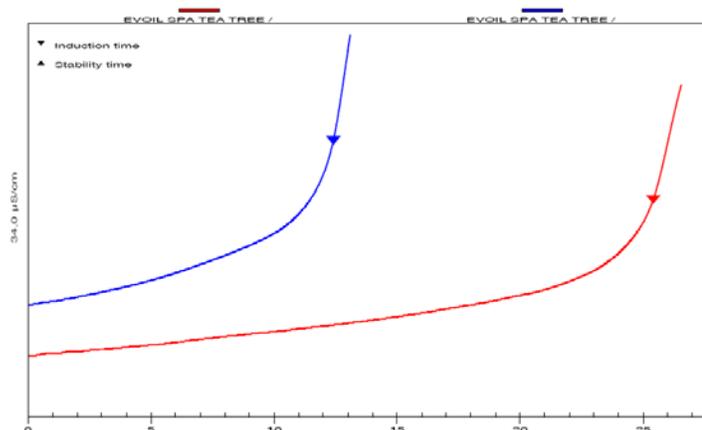
Temperature 100°C ± 0.2°C

Gas flow 20 L/h

Vessel: 50 mL distilled water

Evaluation Conductivity

Induction time (tangent method)



Blue: determination at 100 °C

Red: determination at 110 °C

EVOIL[®] SPA TEA TREE should be kept in a cool place or refrigerated, tightly closed and away from light exposure.

INCI Name: Prunus Amygdalus Dulcis Oil, Helianthus annuus Seed Oil, Borago Officinalis Seed Oil, Sesamum Indicum Seed Oil, Melaleuca alternifolia oil, Tocopherol, Ascorbyl palmitate and Retinol Palmitate.

¹Carson, CF, Riley, TV. The antimicrobial activity of tea tree oil. *Med. J. Aust.* 1994 160:236.

²Nenoff, P, Haustein, UF, Brandt, W. Antifungal activity of the essential oil of *Melaleuca alternifolia* (tea tree oil) against pathogenic fungi *in vitro*. *Skin Pharmacol* 1996 9: 366-394.

³Concha, JM, Moore, LS, Holloway, WJ. Antifungal activity of *Melaleuca alternifolia* (tea tree) oil against various pathogenic organisms. *Podiatr. Med. Assoc.* 1998 88: 489 492

⁴Tolleson, A., and Frithz, A. 1993. *Borage oil: an effective new treatment for infantile seborrheic dermatitis*. *Brit. J. Dermatol.* 129:95.

EVOIL SPA TEA TREE**CODE** 008292 **SPECIFICATION** **Nº** 00829201

PARAMETERS	SPECIFICATIONS	EDITION - 04/03/2008
Appearance	Clear yellow oily liquid Its aroma is described as medicinal, fresh, and woody.	
Acid value	< 0.5 mg KOH / g oil	
Refractive Index	1.468 - 1.478	
Colour Lovibond	max. 4R + 40Y	
Peroxide value	< 5 meq. O ₂ /Kg	
Saponification Value	190 - 200	

PACKING**REMARKS**

KEEP FULL AND WELL CLOSED IN A DRY PLACE AND AWAY FROM LIGHT.
THIS PRODUCT CONTAINS TEA TREE ESSENTIAL OIL.
