

BIOCHEMICA® TEA TREE OIL AUSTRALIA

INCI Name: Melaleuca Alternifolia (Tea Tree) Leaf Oil

Product Code: TTOA

CAS #: 68647-73-4

Brand: Biochemica®

Biochemica® Tea Tree Oil Aus is an essential oil produced via steam distillation of the leaves of *Melaleuca alternifolia*, an Australian native tree. The name “tea tree” was coined by the early European explorers who made a “tea” from the leaves of the melaleuca tree in an attempt to cure scurvy (which was impossible since it does not contain Vitamin C). The name tea tree oil has yet remained, and its true benefits are now being discovered. The material acts as a broad spectrum antimicrobial, enhances dermal penetration, has anti-inflammatory action, and topical anesthetic properties.

Biochemica® Tea Tree Oil Aus has excellent antiseptic qualities and may be used in a wide array of product applications where natural antibacterial properties are desired. It presents a pleasant, menthol-like odor which is clean and refreshing and is an excellent choice for use in toners, cleansers, soaps, shampoos and antiseptics.

Features & Benefits:

- Anti-acne active
- Anti-dandruff active
- Anti-psoriasis active
- Anti-seborrheic dermatitis active
- Astringent
- Bactericidal Agent
- Biodegradable
- Broad Spectrum Antimicrobial Agent
- Deodorant Agent
- Natural Product

Cineole Content per GC, %	0 - 4
Optical Rotation (degrees)	5 - 15
Refractive Index (20°C)	1.475 - 1.482

Specific Gravity (20°C g/cc)	0.885 - 0.906
Terpinen-4-OL Content, %	37 minimum
Insoluble In	Water
Soluble In	Cosmetic Esters Vegetable Oil
Packaging	Drum - 180 or 185kgs Pail - 25kgs

Applications:

- Bar Soaps
- Deodorants
- Foot Care
- Hair Conditioners
- Hand & Body Care
- Liquid Handsoaps
- Mouthwash
- Shampoos
- Shaving Products
- Shower Gels/Body Washes
- Styling Aids
- Toothpaste

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