

## Technical Datasheet

### Trade Name: Tea Tree oil

INCI: Melaleuca Alternifolia (Tea Tree) Leaf oil

Cas. No.: 68647-73-4

EINECS: 285-377-1

Item	Standard	Result
Apperance	Light yellow liquid, with a characteristic tea tree aroma	complies
Relative density	0.885~0.906	0.901
Refractive index	1.475~1.582	1.476
Optical Rotation	5°~15°	7°
a-terpinene	5~13%	6.50%
p-cymene	0.5~12%	2.30%
Eucalyptus	0~13%	5.16%
Limonene	0.5~4%	3.60%
Y-terpinene	10~28%	16.8%
Terminolene	1.5~5%	3.20%
Terpine ol-4	30-48%	40.10%
a-terpine ol	1.5~8%	3.65%

### Product Description:

**Tea tree oil** is distilled from the leaves of the Melaleuca alternifolia plant. It is an essential oil that is used as antibacterial in cosmetic and oral hygiene as tooth paste

### Application:

It is used as antibacterial, anti-inflammatory, antiviral, and antifungal properties.

### Storage:

it shall be stored at 15-20°C in dry and cool place, away from heat, flame and daylight. Oxidizing agents should be not stored with acids alkalis. The package shall be kept away from all ignition sources.

### Shelf life:

2 years after production date.