



NATURAL AROMA

PRODUCTS PVT. LTD.

We create aroma !

PRODUCT SPECIFICATION



TEA TREE OIL

Product Information

CAS Number	- 68647-73-4
EINECS Number	- 285-377-1
FEMA Number	- 3902
Source	- Melaleuca Alternifolia

Molecular Properties

Botanical Name	- Melaleuca Alternifolia
Boiling Point	- 97 to 220°C
Flash Point	- 54 to 59°C (closed up)

Physico- Chemical Properties

Property	Value
Odor Description	Fresh, warm, spicy, camphoraceous
Color/Appearance	Clear colorless to pale yellow/ mobile liquid
Solubility	Insoluble in water; soluble in 1 to 2 vol. of 85% ethyl alcohol
Optical Rotation (20°C)	Typically +5 to +15°
Specific Density (20°C)	0.8850 to 0.9060
Refractive Index (20°C)	1.4750 to 1.4820
Main Consituent by GC	Terpinen-4-ol: 35% minimum, 1,8-Cineole: less than 6%,

Storage Conditions

Property	Value
Shelf Life	48 months
Storage Environment	Store in tightly sealed containers in a cool, dry and well-ventilated place away from direct sunlight, heat and oxidizing agents.

Quality Assurance: This product meets all specifications and has been test according to industry standards. Each batch undergoes rigirous quality control to ensure consistency and purity.