

**TECHNICAL DATA SHEET**

Sr. No. : RM0002-V-02

Printed Date : 04/11/2017

---

<b>Item Code</b>	: <b>RM0002</b>	<b>Date</b>	: 17/06/2013
<b>Item Name</b>	: <b>AUSTRALIAN TEA TREE OIL B.P.</b>	<b>Version</b>	: 02

---

<b>CAS #</b>	68647-73-4
<b>FEMA #</b>	3902
<b>EINECS #</b>	285-377-1
<b>Botanical Name</b>	Melaleuca alternifolia
<b>Product Description</b>	Clear colourless to pale yellow mobile liquid
<b>Origin</b>	Obtained by steam distillation from foliage and terminal branches of Melaleuca alternifolia.

---

**PHYSICO-CHEMICAL PROPERTIES:**

<b>Appearance</b>	Colourless to Pale yellow
<b>Physical Status</b>	LIQUID
<b>Flash Point (Closed cup) °C</b>	59°C
<b>Refractive Index</b>	1.475 - 1.482 @20°C
<b>Relative Density</b>	0.885 - 0.906 @20°C
<b>Optical Rotation</b>	+5° to +15°
<b>Solubility in Alcohol</b>	Soluble
<b>Solubility in Water</b>	Insoluble
<b>Main Components by GLC</b>	1,8-cineol: max 15% Terpinolene: 1.5 - 5% gamma-terpinene: 10 - 28%
	Terpinen-4-ol: min 30% alpha-Terpinene: 5 - 13%

---

<b>Shelf Life</b>	12 months under proper storage conditions
-------------------	---

<b>Legislation</b>	Natural
--------------------	---------

<b>Stability</b>	Avoid strong acids strong bases
------------------	---------------------------------

<b>Uses</b>	Food/Flavour, Fragrance Application
-------------	-------------------------------------

---

<b>HANDLING PRECAUTION</b>	Handle in adequate ventilation, avoid skin and eye contact, use goggles or face shield and wear protective clothing
----------------------------	---

<b>PACKING &amp; STORAGE</b>	Should be stored in a cool, dry well ventilated places in fully tight sealed containers protected from light. Containers should be kept away from source of ignition.
------------------------------	---

---

NOTE: THIS IS A SYSTEM GENERATED DOCUMENT HENCE NEED NOT BE AUTHENTICATED.