

## TECHNICAL DATA SHEET

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<b>Item Code</b>	<b>:</b>	<b>005</b>	<b>Date</b>	<b>:</b>	<b>07/12/2018</b>
<b>Item Name</b>	<b>:</b>	<b>AUSTRALIAN KUNZEA AMBIGUA OIL</b>	<b>Version</b>	<b>:</b>	<b>01</b>

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<b>CAS #</b>	97553-36-1
<b>EINECS #</b>	307-193-3
<b>Botanical Name</b>	Kunzea ambigua ext.
<b>Product Description</b>	Clear watery liquid with odour reminiscent of a blend of herbal, vegetal and spicy.
<b>Origin</b>	Obtained by the steam distillation from the leaves & lateral branches of Kunzea ambigua

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### PHYSICO-CHEMICAL PROPERTIES :

<b>Appearance</b>	Clear watery mobile liquid	
<b>Physical Status</b>	LIQUID	
<b>Flash Point (Closed cup) °C</b>	40°C	
<b>Refractive Index</b>	1.460-1.482 @20°C	
<b>Relative Density</b>	0.900-0.930 @20°C	
<b>Optical Rotation</b>	0° to 50°	
<b>Solubility in Alcohol</b>	Soluble	
<b>Solubility in Water</b>	Insoluble	
<b>Main Components by GLC</b>	alpha-pinene: 35-50%	1,8-cineol: 9-16%
	Globulol: 0-11%	Viridiflorol: 9-18%
	alpha-terpineol: 0-9%	Bicyclogermacrene: 0.5-1.5%

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<b>Shelf Life</b>	60 months under recommended storage conditions. Headspace sparged with Argon or Nitrogen, kept in cool storage away from direct sunlight.
<b>Legislation</b>	Natural
<b>Stability</b>	Avoid strong acids strong bases and all oxidising agents
<b>Uses</b>	Cosmetics & Aromatherapy

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<b>HANDLING PRECAUTION</b>	Handle in adequate ventilation, avoid skin and eye contact, use goggles or face shield and wear protective clothing
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<b>PACKING &amp; STORAGE</b>	Store at ambient temperature, dry and well-ventullated area, away from heat source and protected from light. Store in tightly sealed original containers, packed in Aluminium bottles, HDPE Food grade cans, MS Coated Drums or GI Drums. Keep air contact min
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