

## TECHNICAL DATA SHEET

**Sr. No. : UL3000123-V-04**
**Issue Date: 16/03/2023**

**QUALITY CONTROL :** We declare that certificate of analysis of this material is inspected according to quality parameters as below :

<b>Item Code</b>	<b>UL3000123</b>
<b>Item Name</b>	<b>BETEL LEAF OIL</b>



Test Parameters	Specifications	
<b>CAS #</b>	84775-81-5	
<b>EINECS #</b>	283-910-2	
<b>Botanical Name</b>	Piper betle	
<b>Description</b>	Pale yellow to brownish yellow mobile liquid with characteristic odour.	
<b>Origin</b>	volatile oil obtained by the steam distillation of the leaves of the piper betle	
<b>Appearance</b>	Pale yellow to brownish yellow	
<b>Physical Status</b>	Liquid	
<b>Flash Point (Closed cup) °C</b>	105°C	
<b>Refractive Index</b>	1.490 - 1.550 @20°C	
<b>Relative Density</b>	0.996 - 1.037 @25°C	
<b>Optical Rotation</b>	-4° to 0°	
<b>Solubility in Alcohol</b>	Soluble	
<b>Solubility in Water</b>	Insoluble	
<b>Assay by GC</b>	Eugenol: 20 - 35% 4-Allyl phenyl acetate: 10 - 20%	Chavicol: 20 - 35% Caryophyllene: 2 - 5%
<b>Shelf Life</b>	12 months with proper storage conditions.	
<b>Legislation</b>	Natural	
<b>Stability</b>	Avoid strong acids strong bases & all oxidizing agents.	
<b>Uses</b>	Fragrance Application.	

<b>PACKING &amp; STORAGE</b>	Should be stored in cool, dry, well ventilated places in full, tightly sealed containers, protected from light & source of ignition.
<b>HANDLING PRECAUTION</b>	Handle with adequate ventilation Avoiding skin & eye contact. Use goggles or face shield safety gloves and wear protective clothing.

This is a system generated document hence need not be authenticated.

