

## Technical Data Sheet

### Eucalyptus Oil

<b>Product Description:</b>	The volatile oil is obtained by steam distillation from the leaves and stem of <i>Eucalyptus globulus</i> commonly called as Masala.
<b>Country of Origin:</b>	Nepal
<b>Botanical Name:</b>	<i>Eucalyptus globulus</i>
<b>Extract Method:</b>	Steam Distillation
<b>Plant Part Used:</b>	Leaves

Specifications	
<b>CAS NO.</b>	8000-48-4
<b>EINECS NO.</b>	NA
<b>FEMA NO.</b>	2466
<b>NAFTA NO.</b>	NA
<b>Appearance:</b>	Fluid liquid
<b>Color:</b>	pale yellow to amber orange
<b>Odor:</b>	Camphor like odor
<b>Refractive Index at 26.1°C:</b>	1.464
<b>Optical Rotation At 25.5°C:</b>	2.06
<b>Specific Gravity At 25°C:</b>	0.90705
<b>Flash Point:</b>	47 °C
<b>Quality:</b>	100% Pure & Natural
<b>Solubility:</b>	Soluble in ethyl alcohol
<b>Acid Value:</b>	3.579
<b>Ester Value:</b>	3.0461
<b>Ester Value after Acetylation</b>	32.5008

Chemical Data by GCMS	
<b>Compounds Name:</b>	<b>Percentage:</b>
<b>Eucalyptol</b>	58- 63 %
<b>Limonene</b>	8 – 14 %
<b>Alpha pinene</b>	5- 8 %
<b>Geraniol</b>	1- 2 %

### Expiration Date

Shelf Life: 5+ years under good storage conditions.

Store in a well-filled, airtight container at temperature below 18°C. Avoid direct sunlight & heat.