

MATERIAL SAFETY DATA SHEET

Ylang Ylang 3rd Essential Oil

Version: 01

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- 8.1 Respiratory Protection:** None generally required. Use NIOSH approved respirator in confined areas or if ventilation is inadequate.
- 8.2 Ventilation Protection:** Ensure adequate ventilation to keep exposure levels to a minimum. General exhaust is recommended.
- 8.3 Eye Protection:** Using goggles or face shield is recommended.
- 8.4 Protective Gloves:** Using chemical resistant gloves is recommended.
- 8.5 Protective Clothing:** Using chemical resistant clothing is recommended.
- 8.6 Protective Equipment:** An eyewash fountain and / or safety shower should be available in the work area.
- 8.7 Special Engineering Controls:** None established.
- 8.8 Other Personal Protection:** Consult the following Australian Standards for general advice regarding safety clothing and equipment: Respiratory Equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Industrial Clothing: **AS 2919**, Industrial Eye Protection: **AS 1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS 2210**.
- 8.9 Note:** These precautions are for room temperature handling. Use at elevated temperature or aerosol / spray applications may require additional precautions.

9. PHYSICAL AND CHEMICAL PROPERTIES

TEST

- 9.1 Appearance:**
- 9.2 Odour:**
Odour Threshold:
- 9.3 Specific Gravity:**
- 9.4 Refractive Index:**
- 9.5 Optical Rotation:**
- 9.6 pH:**
- 9.7 Solubility:**
- 9.8 Solubility in Water:**
- 9.9 Flash Point:**
- 9.10 Flammability Limits [as % v/v in Air]**
Lower Explosion Limit:
Upper Explosion Limit:
- 9.11 Autoignition Temperature:**
- 9.12 Melting Point:**
- 9.13 Boiling Point:**
- 9.14 Vapour Pressure:**
- 9.15 Vapour Density:**

SPECIFICATION

Deep yellow coloured mobile liquid
Characteristic sweet, exotic, floral aroma
Not available.
0.917 to 0.937 @ 25°C
1.494 to 1.514 @ 25°C
Not available.
Not available.
Soluble in ethyl alcohol
Insoluble
95°C [Closed Cup]
Not available.
Not available.
Not available.
Not available. °C @ 760 mm Hg
Not available. °C @ 760 mm Hg
Not available.
Not available.

9.16 GAS CHROMATOGRAPH ANALYSIS --- and ECHA Listed Sensitisers & IFRA Notifiable Substances

CONSTITUENT	IFRA	ECHA	CAS Number	EINECS Number	RANGE
Linalool:	YES	YES	78-70-6	201-134-4	< 35%
Geraniol:	NO	YES	106-24-1	203-377-1	< 1%
Limonene:	YES	YES	138-86-3	205-341-0	< 1%