



MATERIAL SAFETY DATA SHEET

1. Product Identification:

Product Name: **Lavender Oil – South African**
Botanical Name: *Lavandula angustifolia*
INCI Name: Lavandula angustifolia (lavender) oil
CAS #: 8022-15-9
County of Origin: South Africa

2. Classification:

Chemical Identification: Oil, Lavender
FEMA#: 2618

24 HOUR EMERGENCY TELEPHONE NUMBER: (613)-996-6666 CANUTEC

3. Hazardous Ingredients Information:

N/A

4. Physical & Chemical Properties:

Odor: Pale yellow liquid.
Characteristic sweet lavender odor.
Solubility: Soluble in alcohol and oils. Insoluble in water.
Specific Gravity: 0.860 – 0.900 @ 20°C
Linalool: 25 – 40 %
Linalyl Acetate: 30 – 45 %
Extraction Method: Steam distillation of the flowering tops.
Contents: Cineole, linalool, camphor, lavandulol, terpinene-4-ol, terpineol,
linalyl acetate, lavandulyl acetate
69 °C

5. Fire/Explosion Hazard:

Flash Point: 69 °C
Combustible liquid. Will ignite if moderately heated.

6. Reactivity/Stability Data:

Reactivity: Stable.

Decomposition: When heated to decomposition produces toxic fumes and carbon monoxide smoke.

7. Toxicological Properties/Information:

Oral (rat), LD₅₀ >5.0 g/kg

Dermal (rabbit), LD₅₀ >5.0 g/kg

8. Preventive Data:

Spillage: Absorb spills, cover with an inert, non-combustible, inorganic absorbent material, and remove to an approved disposal container.

Fire: Recommended extinguishing media – CO₂, foam and dry chemicals. DO NOT use direct water jet on burning material.

Environment: Keep away from drains, surface and ground water.

Storage: Store in cool, dry and well ventilated area protected in tightly closed container away from sources of ignition, heat and sunlight. Keep air contact to minimum.

9. First Aid Measures:

Eye contact: Flush with water for at least 15 minutes. Call physician if irritation persists.

Inhalation: Remove to fresh air. Avoid casual breathing.

Ingestion: Rinse mouth and consult a physician immediately. Never-give anything by mouth if victim is unconscious, is rapidly-losing consciousness, or is convulsing.

Skin contact: Remove contaminated clothing. Wash with soap and plenty of water.

11. Individual Protection for Industrial Use:

Use safety glasses.

Avoid breathing in product by ensuring good ventilation when handling.

Avoid skin contact by using chemical resistant gloves.

12. Preparation Information:

Quality Assurance

New Directions Aromatics Inc.

Brampton ON

L7A 1C5

Revision Date: December 22, 2010.

Disclaimer

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CERTIFICATE OF ANALYSIS

PRODUCT: LAVENDER ESSENTIAL OIL – SOUTH AFRICAN
PRODUCT No: 11245

LOT # 11245-A06, B06

	Specifications:	Results:
	Pale yellow / straw liquid.	Complies
Odor:	Characteristic sweet lavender odor.	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Specific Gravity:	0.860 – 0.900 @ 20°C	Complies
Linalool:	25 – 40 %	Complies
Linalyl Acetate:	30 – 45 %	Complies