



MATERIAL SAFETY DATA SHEET

1. Product Identification:

Product Name: **Basil ct Linalool Oil (Egypt)**
Botanical Name: *Ocimum basilicum var. europeon*
INCI Name: Ocimum basilicum (basil) oil
CAS #: 8015 – 73 - 4
County of Origin: Egypt

2. Classification:

Chemical Identification: Basil essential oil
UN No. 1169: Liquid aromatic extract. Packaging Group: III
W.H.I.M.S. Class: B Division: 2

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

3. Hazardous Ingredients Information:

Methyl chavicol (approx. 70%) – possible carcinogen and skin irritant.

4. Physical & Chemical Properties:

Appearance: Pale yellow to amber color liquid.
Odor: Sweet vaguely anise-like minty smoky odor.
Solubility: Soluble in alcohol and oils. Insoluble in water.
Boiling Point: 213 – 215 °C
Specific Gravity: 0.891 – 0.954 @ 20°C
Optical Rotation: -14.0 – -5.0 @ 20°C
Refractive Index: 1.4795 – 1.568 @ 20°C
Extraction Method: Steam distillation of the leaves.
Acid Value: 1.0 – 2.5
Ester Value: ~ 32
Contents: Linalool (40-70%), methyl chavicol, eugenol

Flash Point: 167 °F/ 75 deg. F.

5. Fire/Explosion Hazard:

Flash Point: 167 °F Combustible liquid.

6. Reactivity/Stability Data:

Reactivity: Stable.

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

7. Toxicological Properties/Information:

May irritate sensitive skin. Do not use on children.

Is an emmenagogue; avoid use if pregnant; may cause bleeding.

Possible carcinogen in animal testing with extreme doses. Unknown effect on people.

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.

Ingestion: Rinse mouth and consult a physician.

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:

New Directions Aromatics Inc.
6781-Columbus Road,
Mississauga,
L5T 2G9

Revision Date: January 12, 2012

Disclaimer

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CERTIFICATE OF ANALYSIS

Product: Basil ct Linalool Essential Oil (Egypt)

Lot No: 11281-BB01

Best Before: Dec 2012

	Specifications:	Results:
Appearance:	Pale yellow to amber color liquid.	Complies
Odor:	Sweet vaguely anise-like minty slight.	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Specific Gravity:	0.891 – 0.954 @ 20°C	Complies
Optical Rotation:	-14.0 – -5.0 @ 20°C	Complies
Refractive Index:	1.4795 – 1.568 @ 20°C	Complies