

MATERIAL SAFETY DATA SHEET

Oil Name: Basil Oil (Standard)

Origin: France

Reference No: 1E3H

Physical Appearance: Clear to very pale yellow coloured liquid

Sensory Evaluation: Herbal and of Aniseed aroma

Gas Chromatography:

Column Type: CW20M Detector Temp: 300° C Injection Temp: 250° C

CONSTITUENT	PERCENTAGE
α Pinene	< 0.1
β Pinene	< 0.1
1,8-Cineole	0.1
Trans Ocimene	0.1
Linalool	19.06
β Caryophyllene	0.35
Methyl Chavicol	76.56
Poss Cadinene	1.4

Hazards:

Concentrated product. Harmful if ingested and may cause irritation to the skin.

First Aid Measures:

EYE CONTACT: Rinse immediately with water for 10 minutes. Seek medical advice if irritation persists.

SKIN CONTACT: Remove contaminated clothing. Wash thorough with soap and water and rinse well. Seek medical advice if irritation persists.

INGESTION: Wash mouth out thoroughly with water. Do Not induce vomiting and seek medical advice

INHALATION: Move to fresh air and seek medical advice if irritation persists.

Fire Measures:

Extinguishing media recommended. Keep away from sources of ignition and use CO₂, foam or dry powder extinguishers.

Special Measures: Do not inhale. Use breathing apparatus and protective clothing.

Extinguishing Measures: Closed containers may build up pressure at elevated temperatures. If possible cool containers with cold water spray.

Accidental Release Measures:

Use individual protective clothing. Keep away from drains, surfaces, groundwater or soil if possible and contact Environmental Health. Contain spilled material and cover with sand, sweep into approved disposable container.

Handling & Storage:

Handle with care. Product should only be handled by a trained person. Ideally store in a cool dry place ensuring good ventilation.

Physical & Chemical Properties:

Odour: Powerful and characteristic

Appearance: Clear to pale mobile liquid

Flash Point: (Degrees Celsius) < 55

Stability & Reactivity:

Reactivity: No significant reactivity hazards. Avoid contact with strong acids, alkalis or oxidising agents.

Decomp: Carbon Monoxide may be formed during combustion.

Toxological Information:

May cause an allergic reaction or skin irritation with prolonged contact to skin.

Ecological Information:

Biodegradability: Not determined

Transport Regulations:

No special precautions or labelling required.

Regulatory Information:

Symbols: Xi

Risk Phrases: R21/R22/R36/R38/R43

Safety Phrases: S7/S24/S25/S26/S27/S29/S35/S37/S39/S46