

**TECHNICAL DATA SHEET**

Sr. No. : RM01247-V-02

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Item Code : UIL123134

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Item Name : BLACK PEPPER OIL

Version : 02

CAS # 8006-82-4

FEMA # 2845

EINECS # 284-524-7

Botanical Name Piper nigrum L.

Product Description Colourless to light coloured clear mobile liquid with spicy woody odor

Origin Essential oil obtained by the steam distillation from ripe fruits of Piper nigrum

PHYSICO-CHEMICAL PROPERTIES :

Appearance Colorless to light coloured

Physical Status LIQUID

Flash Point (Closed cup) °C Ca 49°C

Refractive Index 1.478 - 1.487 @ 20°C

Relative Density 0.864 - 0.880 @ 20°C

Optical Rotation -18° to -7°

Solubility in Alcohol 1:3 soluble in 95% alcohol

Solubility in Water Insoluble

Main Components by GLC

beta-caryophyllene; 12-29%

beta-pinene; 5-12%

Sabinene; 6-15%

delta-3-carene; 3-15%

Limonene; 10-17%

Shelf Life 12 months under proper storage conditions.

Legislation Natural

Stability Avoid strong acids strong bases & all oxidising agents.

Uses Fragrance & flavours

HANDLING PRECAUTION

Handle in adequate ventilation, Avoid skin and eye contact, use goggles or face shield and wear protective clothing.

PACKING & STORAGE

Should be stored in a cool, dry well ventilated places in full tightly sealed containers protected from light. Containers should be kept away from light and sources of ignition

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