

TECHNICAL DATA SHEET

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Item Name : PEPPERMINT OIL

Version : 02

CAS #	8006-90-4
FEMA #	2848
EINECS #	282-015-4
Botanical Name	Mentha x piperita
Product Description	Colourless, pale yellow or pale greenish-yellow liquid with characteristic odour followed by a sensation of cold.
Origin	Obtained from steam distillation from the fresh aerial parts of Mentha piperita.

PHYSICO-CHEMICAL PROPERTIES :

Appearance	Colourless, pale yellow or pale greenish-yellow
Physical Status	LIQUID
Flash Point (Closed cup) °C	Ca. 68°C
Refractive Index	1.457 - 1.467 @ 20°C
Relative Density	0.900-0.916@20°C
Optical Rotation	-10° to -30°
Solubility in Alcohol	Soluble
Solubility in Water	Insoluble
Main Components by GLC	Menthone : 14- 32% Menthyl Acetate : 2.8 - 10% Menthol : 30 - 55% Cineole : 3.5-14%

Shelf Life	12 months under proper storage conditions.
Legislation	Natural
Stability	Avoid strong acids strong bases & all oxidising agents.
Uses	Flavour/Fragrance Application

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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