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## MATERIAL SPECIFICATION

PRODUCT NAME : PEPPERMINT OIL

BOTANICAL NAME : Mentha Piperita

CAS Number : 84082-70-2 ; 8006-90-4

FEMA Number : 2848

EINECS Number : 282-015-4

### Physical attributes

ODOUR (No Dilution) : Aromatic Minty Fresh

APPEARANCE : Clear liquid to Pale Yellow

ASSAY (% GC) :

Menthone	14.00% - 32.00%
Mentha Furan	1.00% - 9.00%
Iso-Menthone	1.50% - 10.00%
Menthyl Acetate	2.80% - 10.00%
Menthol	30.00% - 55.00%

OPTICAL ROTATION : -32 / -18

REFRACTIVE INDEX @20C : 1,4580 - 1,4640

RELATIVE DENSITY @ 20C : 0,895 - 0,905

FLASH POINT (°C) : 67.00

SOLUBILITY : INSOLUBLE IN WATER

PART OF THE PLANT USED : Leaves & Stems

INCI NAME: Mentha Piperita

### STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

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