



**AROMATIC & ALLIED CHEMICALS**  
**Manufacturer & Exporter**  
**Natural Essential Oils & Isolates**



**A KOSHER CERTIFIED, ORGANIC CERTIFIED & ISO 9001:2008 CERTIFIED COMPANY**

## MENTHOL FLAKES (MELTED MENTHOL)

CAS Number	:	89 - 87 - 1
Botanical source	:	Mentha arvinces
Synonym	:	Menthol Powder; Melted Menthol; Peppermint Camphor
Empirical formula	:	C <sub>10</sub> H <sub>20</sub> O
Molecular weight	:	156.26
Appearance	:	Colorless crystals / flakes (hexagonal needles or prisms)
Odour	:	Sharp Peppermint odor
Taste	:	Peppermint & cooling taste
Melting point	:	36 - 40 <sup>0</sup> C
Specific Gravity at 35 <sup>0</sup> C	:	0.890 – 0.910
Refractive index at 30 <sup>0</sup> C	:	1.450 – 1.465
Optical rotation at 35 <sup>0</sup> C	:	-36 <sup>0</sup> to -48 <sup>0</sup> (10% alc. solution)
Solubility	:	Slightly soluble in water; very sol in alcohol, chloroform, ether, petr ether; freely soluble in glacial acetic acid, liq petrolatum.
Main constituent	:	min. 97 % levo - menthol
Use	:	In liqueurs, confectionery, perfumery, cigarettes, cough drops, nasal inhalers, pharmaceutical preparations, etc.
Storage & stability	:	Keep in tightly closed fiber drums in a cool and dry place, protected from light. When stored for more than 12 months, quality should be checked before use.

We believe the above information to be correct but we do not present it as all - inclusive and as such should be used as guide. Since many factors affect the processing and application of our product, processors should carry out their own tests before any particular application. AROMATIC & ALLIED CHEMICALS shall not be held liable for any damage or injury resulting from contact or handling with the above product.

\* This is our standard specification. We can also provide the product as per your required specifications. |