

**PCW**

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Technical Data Sheet**MENTHOL CRISTALLISE NATUREL**

Manufacture PCW

Reference : MENTHOL CRISTALLISE NATUREL

1 - TECHNICAL DATA

<i>Chemical / REACH name :</i>	L-menthol
<i>Synonyms :</i>	Laevo menthol
<i>Molecular formula :</i>	C ₁₀ H ₂₀ O
<i>Molecular weight :</i>	156.27
<i>Origin raw material :</i>	100% natural (Plant source)
<i>Origine géographique :</i>	India
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-
<i>Anti-oxydant(s) :</i>	None
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes
<i>I.N.C.I. :</i>	Menthol
<i>IUPAC Name :</i>	5-methyl-2-(1-methylethyl)-cyclohexanol
<i>Description :</i>	Obtained by rectification and crystallization of the essential oil of Mentha Arvensis
<i>Ref code :</i>	MNCNAT-1

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Solid crystallized
<i>Color :</i>	Colourless
<i>Odour :</i>	Fresh menthol
<i>Density at 20°C :</i>	-
<i>Refractive index @ 20°C :</i>	-
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	101
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	-

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<i>Impurities >0.01% :</i>	-
<i>Optical rotation (°) :</i>	[-45 ; -51]

1.5 VLEP

<i>VLEP short term mg/m3 (98/24/CE) :</i>	No data
<i>VLEP (8h) mg/m3 (98/24/CE) :</i>	No data

2 - COSMETIC REGULAR DATA

<i>VOC Swiss - Annex 1 :</i>	Not listed
<i>LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) :</i>	100%
<i>Reg. 1223/2009 & mod. :</i>	See certificate
<i>Allergens SCCNFP List :</i>	See certificate
<i>IFRA :</i>	No restrictions (50th Am.)
<i>CMR (Reg. 1223/2009/EEC) :</i>	See certificate
<i>Statut kosher :</i>	-
<i>Halal status :</i>	-
<i>CAS number :</i>	2216-51-5
<i>Animal testing :</i>	This product was not tested on animals.

2.1 - REGULAR DATA FLAVOURS

<i>Ionization :</i>	-
<i>Natural status (Reg. 1334/2008/EC) :</i>	Natural flavouring substance
<i>REG. 872/2012 CE Annex 1 :</i>	-
<i>Foodgrade certificate :</i>	-
<i>Genetically Modified Organisms (GMO) :</i>	-
<i>Bovine Spongiform Encephalopathy (BSE) :</i>	-

4 - TRANSPORT - HANDLING - STORAGE

<i>Custom tariff :</i>	2906 11 00 00
<i>Tunnel codes ADR :</i>	/
<i>Shelf life :</i>	12 months, according to storage conditions
<i>Precautions of use :</i>	Avoid any direct contact with the product.

4.1 - STORAGE

<i>Storage :</i>	Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.
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Transport :

<i>Land Transport ADR/RID :</i>	NR Not regulated for transport
<i>Maritime Transport IMDG :</i>	NR Not regulated for transport
<i>Marine pollutant :</i>	
<i>Air Transport IATA :</i>	NR Not regulated for transport

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LEGISLATION :

NEPA (China) : CB7390694
KECI : KE-24409
ISHL (Japan) : 3-(4)-16
ENCS (Japan) n° : (3)-2333
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
TCSI (Taiwan) : Listed
NZIoC (New Zealand) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
IECSC (China) : Listed
RIFM - ID N° : 599
JECFA n° : Not listed
FLAVIS : Not listed
PICCS (Philippines) : Listed
EINECS (EU) : 218-690-9
COE (Council of Europe) : 63c
FDA : 172.515
FEMA : 2665
C.A.S : 2216-51-5

Labeling :



SCI2 Skin corrosion / irritation 2

H315 - Causes skin irritation.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.