

**PCW**

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Technical Data Sheet**MENTHONE NATUREL**

Manufacture PCW

Reference : MENTHONE NATUREL

1 - TECHNICAL DATA

<i>Chemical / REACH name :</i>	trans-menthone
<i>Synonyms :</i>	Cyclohexanone
<i>Molecular formula :</i>	C ₁₀ H ₁₈ O
<i>Molecular weight :</i>	154.25
<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>	Menthone
<i>IUPAC Name :</i>	(2R,5S)-5-methyl-2-(propan-2-yl)cyclohexan-1-one

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless to pale yellow
<i>Odour :</i>	Menthol, fresh, woody
<i>Density at 20°C :</i>	[0.889 ; 0.900]
<i>Refractive index @ 20°C :</i>	[1.446 ; 1.455]
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	63
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	[95.00 ; 100.00]
<i>Impurities >0.01% :</i>	-
<i>Optical rotation (°) :</i>	[0.0 ; 10.0]

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1.5 VLEP

VLEP short term mg/m3 (98/24/CE) : No data

VLEP (8h) mg/m3 (98/24/CE) : No data

2 - COSMETIC REGULAR DATA

VOC Swiss - Annex 1 : Not listed

Low VOC (CARB) : 100%

Reg. 1223/2009 & mod. : See certificate

Allergens SCCNFP List : See certificate

IFRA : Restricted (50th Am.)

CMR (Reg. 1223/2009/EEC) : See certificate

Statut kosher : Certified

Halal status : Certified

CAS number : 89-80-5 ; 68917-18-0

2.1 - REGULAR DATA FLAVOURS

Ionization : -

Natural status (Reg. 1334/2008/EC) : Flavouring preparation

REG. 872/2012 CE Annex 1 : Listed

Foodgrade certificate : Certified

Genetically Modified Organisms (GMO) : Does not result / does not contain GMO

Bovine Spongiform Encephalopathy (BSE) : Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process

Food allergens (Reg. 1169/2011/EC) : None

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2914 29 00 90

Tunnel codes ADR : /

Shelf life : 24 months, according to storage conditions

Precautions of use : Avoid any direct contact with the product.

4.1 - STORAGE

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

Transport :

Land Transport ADR/RID : NR Not regulated for transport

Maritime Transport IMDG : NR Not regulated for transport

Marine pollutant :

Air Transport IATA : NR Not regulated for transport

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LEGISLATION :

TSCA (Toxic Substances Control Act - USA) : Listed
RIFM - ID N° : 5385
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
JECFA n° : 429
IECSC (China) : Listed
FLAVIS : 07.176
FEMA : 2667 / 4219
FDA : 172.515
ENCS (Japan) n° : (3)-2398
EINECS (EU) : 201-941-1 / 290-058-5
TCSI (Taiwan) : Listed
COE (Council of Europe) : 2035
AICS (Australian Invent. Chem. Subs.) : Listed
C.A.S : 89-80-5 68917-18-0

Labeling :



ATO4 Acute toxicity oral 4
EHC3 Hazardous to the aquatic environment, long-term hazard 3
SC12 Skin corrosion / irritation 2
SS1 Sensitisation skin 1

H302 - Harmful if swallowed.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H412 - Harmful to aquatic life with long lasting effects.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/... if you feel unwell.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.