

**PCW**

PARFUM COSMETIC WORLD

06130 GRASSE - FRANCE

Tel : +33 (0)4 92 42 35 00 Fax: +33 (0)4 92 42 35 19

Site : www.pcwfrance.com Mail : info@pcwfrance.com**Technical Data Sheet****MENTHONE NATUREL**

Manufacture PCW

Reference : MENTHONE NATUREL

TECHNICAL DATA

<i>Chemical / REACH name :</i>	(±)-menthone
<i>Molecular formula :</i>	C ₁₀ H ₁₈ O
<i>Origine géographique :</i>	On request, depending on the lot
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>I.N.C.I. :</i>	MENTHONE; ISOMENTHONE
<i>IUPAC Name :</i>	2-isopropyl-5-methylcyclohexanone
<i>CAS number :</i>	89-80-5 ; 491-07-6
<i>Ref code :</i>	MNNAT-1
<i>Nanomaterials :</i>	Does not contain nanomaterials as defined in Regulation (EC) 1223/2009 and Recommendation 2011/696/UE
<i>Skin irritation :</i>	Causes skin irritation
<i>Eyes irritation :</i>	No data
<i>Product type :</i>	Natural molecule

ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Colour :</i>	Colourless to pale yellow
<i>Odour :</i>	Herbaceous; menthol; sweet; Wooded
<i>Density at 20°C :</i>	[0.893 ; 0.899]
<i>Refractive index at 20°C :</i>	[1.445 ; 1.454]
<i>Boiling point (°C) :</i>	205
<i>Flash point (°C) (close cup) :</i>	74
<i>Somme of isomers (by G.C.) (%) :</i>	>98% (env 80% menthone - env 20% isomenthone)
<i>Optical rotation (°) :</i>	[-10 ; +3]
<i>Residual solvent(s) :</i>	2-Butanone (MEK) <0.001% + Acetone <0.005% (used as cleaning products; not from the manufacturing process)
<i>Endocrine disruptors – health and environment :</i>	No contains endocrine disruptors
<i>Description :</i>	-
<i>Peroxides value mmol/kg :</i>	-

MENTHONE NATUREL

COSMETIC REGULAR DATA

<i>Anti-oxydant(s) :</i>	None
<i>Statut kosher :</i>	In compliance with kosher requirements
<i>Halal status :</i>	Complies with halal requirements
<i>ISO 9235 :</i>	This product is a 100% natural extract obtained by physical processes only from botanical sources, complying ISO 9235:2021.
<i>ISO 16128 :</i>	The Natural Index is: In= 1. The Natural Origin Index is: Ino= 1.
<i>Animal testing :</i>	This product was not tested on animals.
<i>Palm oil or palm oil derivatives :</i>	Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.

REGULAR DATA FLAVOURS

<i>Bovine Spongiform Encephalopathy (BSE) :</i>	Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process
<i>Food allergens (Reg. 1169/2011/EC) :</i>	None
<i>Vegan :</i>	Compliant with vegan principles
<i>Foodgrade certificate :</i>	In compliance with Regulation (EC) 1334/2008
<i>Natural status (Reg. 1334/2008/EC) :</i>	Natural flavouring substance

TRANSPORT - HANDLING - STORAGE

<i>Custom tariff :</i>	2914 29 00
<i>Shelf life :</i>	24 months, according to storage conditions
<i>Precautions of use :</i>	Avoid any direct contact with the product.
<i>Storage :</i>	Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed
DSL (Canada) : Listed
COE (Council of Europe) : 2035
KECI : Not listed
EINECS (EU) : 214-049-2, 207-727-4
ENCS (Japan) n° : (3)-2398
FDA : 172.515
FEMA : 4219
FLAVIS : 07.176
IECSC (China) : Listed
JECFA n° : 429
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
TCSI (Taiwan) : Listed
NZIoC (New Zealand) : Not listed
PICCS (Philippines) : Not listed
RIFM - ID N° : 509-E2.24
TSCA (Toxic Substances Control Act - USA) : Listed
C.A.S : 89-80-5 491-07-6 1074-95-9