

**PCW**

PARFUM COSMETIC WORLD

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**Technical Data Sheet****TERPINOLENE**

Manufacture PCW

Reference : TERPINOLENE

**TECHNICAL DATA**

<i>I.N.C.I. :</i>	Terpinolene
<i>IUPAC Name :</i>	p-Mentha-1,4(8)-diene
<i>Chemical / REACH name :</i>	p-Mentha-1,4(8)-diene
<i>Molecular formula :</i>	C10 H16
<i>Origine géographique :</i>	China
<i>Process :</i>	Turpentine + Sulfuric acid => hydration reaction => Terpene hydrate => Fractionation => Terpinolene
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Skin irritation :</i>	No data
<i>Eyes irritation :</i>	No data
<i>CAS number :</i>	586-62-9
<i>Ionization :</i>	Not submitted to a processing of ionization
<i>GMO (Reg (EC) 1829/2003 &amp; 1830/2003) :</i>	Does not result / does not contain GMO
<i>Ref code :</i>	TERP/1
<i>Nanomaterials :</i>	Does not contain nanomaterials as defined in Regulation (EC) 1223/2009 and Recommendation 2011/696/UE

**ANALYTICAL DATA**

<i>Appearance :</i>	Liquid
<i>Colour :</i>	Colourless to pale yellow
<i>Odour :</i>	Woody, fresh, herbal
<i>Density at 20°C :</i>	[0.850 ; 0.880]
<i>Refractive index at 20°C :</i>	[1.467 ; 1.496]
<i>Boiling point (°C) :</i>	180
<i>Flash point (°C) (close cup) :</i>	37
<i>Purity (%) :</i>	20.0% min.
<i>LD50 Dermal (rabbit) :</i>	Non toxic
<i>Endocrine disruptors – health and environment :</i>	No contains endocrine disruptors

# TERPINOLENE

## COSMETIC REGULAR DATA

<i>Anti-oxydant(s) :</i>	None
<i>Palm oil or palm oil derivatives :</i>	Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.
<i>Animal testing :</i>	This product was not tested on animals.
<i>ISO 9235 :</i>	Not concerned
<i>ISO 16128 :</i>	0% of natural origin

## REGULAR DATA FLAVOURS

<i>Natural status (Reg. 1334/2008/EC) :</i>	Flavouring substance
<i>Foodgrade certificate :</i>	In compliance with Regulation (EC) 1334/2008
<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

## TRANSPORT - HANDLING - STORAGE

<i>Custom tariff :</i>	2902 19 00 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) : 2115  
KECI : KE-24415  
EINECS (EU) : 209-578-0  
ENCS (Japan) n° : (3)-2226  
FDA : 172.515  
FEMA : 3046  
FLAVIS : 01.005  
IECSC (China) : Listed  
ISHL (Japan) : Not listed  
JECFA n° : 1331  
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed  
TCSI (Taiwan) : Listed  
NEPA (China) : CB6742399  
NZIoC (New Zealand) : Listed  
PICCS (Philippines) : Listed  
RIFM - ID N° : 650  
TSCA (Toxic Substances Control Act - USA) : Listed  
C.A.S : 586-62-9