

**PCW**

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Technical Data Sheet**TERPINOLENE**

Manufacture PCW

Reference : TERPINOLENE

1 - TECHNICAL DATA

<i>Ref code :</i>	TERP-1
<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>Synonyms :</i>	-
<i>Molecular formula :</i>	C ₁₀ H ₁₆
<i>Molecular weight :</i>	136.24
<i>Origin raw material :</i>	Synthetic
<i>Origine géographique :</i>	-
<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>	0.1% BHT
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless to pale yellow
<i>Odour :</i>	Characteristic
<i>Density at 20°C :</i>	[0.860 ; 0.866]
<i>Relative density @ 25°C :</i>	[0.857 ; 0.863]
<i>Refractive index @ 20°C :</i>	[1.485 ; 1.492]
<i>Viscosity :</i>	<7 mm ² /s
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	60
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[94.0 ; 100.0]

TERPINOLENE

Impurities >0.01% :

Limonene : 0 - 1.0%

1.2 - ANALYTICAL DATA SPECIFIC

Peroxyde value (mg ox. actif/kg) : <10.0 mmol/L

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

LVP-VOC / INORGANIC /
EXEMPTED VOC (CARB) : 100%

Reg. 1223/2009 & mod. : See certificate

Allergens SCCNFP List : See certificate

IFRA : See certificate - Raw material not regulated as such but contains indirect substances included within the IFRA Standards (49th Am.).

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

Statut kosher : Not certified

Halal status : -

CAS number : 586-62-9

2.1 - REGULAR DATA FLAVOURS

Ionization : -

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

REG. 872/2012 CE Annex 1 : Listed

Foodgrade certificate : Does not comply with the requirements of Regulations 1334/2008/EC & 872/2012/EC

Genetically Modified Organisms
(GMO) : -

Bovine Spongiform
Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2902 19 00 00

Tunnel codes ADR : D/E

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 : 2541 TERPINOLENE, 3, III

Maritime Transport IMDG : 2541 TERPINOLENE, 3, III

Marine pollutant : Yes

Air Transport IATA : 2541 TERPINOLENE, 3, III

TERPINOLENE

LEGISLATION :

DSL (Canada) : Listed
PICCS (Philippines) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
IECSC (China) : Listed
NZIoC (New Zealand) : Listed
ISHL (Japan) : Not listed
AICS (Australian Invent. Chem. Subs.) : Listed
ENCS (Japan) n° : (3)-2226
FLAVIS : 01.005
JECFA n° : 1331
EINECS (EU) : 209-578-0
COE (Council of Europe) : 2115
FEMA : 3046
RIFM - ID N° : 650
NEPA (China) : CB6742399
KECI : KE-24415
C.A.S : 586-62-9

Labeling :



AH1 Aspiration hazard 1

EHA1 Hazardous to the aquatic environment, acute hazard 1

EHC1 Hazardous to the aquatic environment, long-term hazard 1



FL3 Flammable Liquids 3

SS1 Sensitisation skin 1



H226 - Flammable liquid and vapour.

H304 - May be fatal if swallowed and enters airways.

H317 - May cause an allergic skin reaction.



H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 - Keep container tightly closed.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 - Contaminated work clothing should not be allowed out of the workplace.

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

P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P363 - Wash contaminated clothing before reuse.

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