

**PCW**

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Technical Data Sheet

PINENE ALPHA

Manufacture PCW

Reference : PINENE ALPHA

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	L-alpha-pinene
<i>IUPAC Name :</i>	Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-
<i>Chemical / REACH name :</i>	Pin-2(3)-ene
<i>Synonyms :</i>	Alpha-pinene
<i>Molecular formula :</i>	C10 H16
<i>Molecular weight :</i>	136.24
<i>Origin raw material :</i>	100% natural (Plant source)
<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>Description :</i>	Natural product, from turpentine

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless
<i>Odour :</i>	Characteristic, terpenic, resinous
<i>Density 20/20°C :</i>	[0.850 ; 0.865]
<i>Refractive index @ 20°C :</i>	[1.460 ; 1.470]
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	33
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[95 ; 100]
<i>Impurities >0.01% :</i>	-
<i>Optical rotation (°) :</i>	[-18 ; -27]

1.5 VLEP

PINENE ALPHA

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

COV medium (CARB) : 100%

Reg. 1223/2009 & mod. : See certificate

Allergens SCCNFP List : See certificate

IFRA : No restrictions (49th Am.)

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

Statut kosher : -

Hallal status : -

CAS number : 80-56-8

2.1 - REGULAR DATA FLAVOURS

Ionization : -

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

REG. 872/2012 CE Annex 1 : Listed

Foodgrade certificate : Certified

Genetically Modified Organisms (GMO) : -

Bovine Spongiform Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2902 19 10 00

Tunnel codes ADR : D/E

Shelf life : 12 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 : 2368 alpha-PINENE, 3, III

Maritime Transport IMDG : 2368 alpha-PINENE, 3, III

Marine pollutant :

Air Transport IATA : 2368 alpha-PINENE, 3, III

PINENE ALPHA

LEGISLATION :

DSL (Canada) : Listed
JECFA n° : 1329
ISHL (Japan) : Not listed
IECSC (China) : Listed
FLAVIS : 01.004
FEMA : 2902
FDA : 172.515
ENCS (Japan) n° : Not listed
EINECS (EU) : 201-291-9
ECSI (Taiwan) : Listed
ECL (Corée du Sud) n° : KE-34427
COE (Council of Europe) : 2113
NEPA (China) : CB8209087
NZIoC (New Zealand) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
PICCS (Philippines) : Listed
RIFM - ID N° : 271
AICS (Australian Invent. Chem. Subs.) : Listed
C.A.S : 80-56-8 2437-95-8

Labeling :



Symbol: F-
R10:Flammable.

Symbol: Xn

R65:Harmful: May cause lung damage if swallowed.

R43:May cause sensitization by skin contact.

Symbol: N



R50-53:Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S61:Avoid release to the environment. Refer to special instructions / Safety data sheets.

S24:Avoid contact with skin.