

**PCW**

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Technical Data Sheet**PINENE BETA**

Manufacture PCW

Reference : PINENE BETA

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Beta-pinenes
<i>IUPAC Name :</i>	Pin-2(10)-ene; 6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane; nopinene; pseudopinene
<i>Chemical / REACH name :</i>	Pin-2(10)-ene
<i>Synonyms :</i>	Beta pinene ; Terbenthene ; beta nopinene
<i>Molecular formula :</i>	C10 H16
<i>Molecular weight :</i>	136
<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
<i>Use level max. recom. :</i>	-
<i>Anti-oxydant(s) :</i>	0.01% Alpha tocopherol
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to slightly amber
<i>Odour :</i>	Dry woody and resinous odour
<i>Density at 20°C :</i>	[0.865 ; 0.870]
<i>Refractive index @ 20°C :</i>	1.478
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	[-80 ; -60]
<i>Boiling point (°C) :</i>	165
<i>Flash point (°C) (close cup) :</i>	39
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[96 ; 100]
<i>Impurities >0.01% :</i>	-
<i>Peroxides value mmol/kg :</i>	160 mgOXA / L

1.5 VLEP

PINENE BETA

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 : 127-91-3

2.1 - REGULAR DATA FLAVOURS

Ionization : -

REG. 872/2012 CE Annex 1 : Not listed

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 : 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 : 2319 TERPENE HYDROCARBONS, N.O.S., 3, III

Maritime Transport IMDG : 2319 TERPENE HYDROCARBONS, N.O.S., 3, III

Marine pollutant : Yes

Air Transport IATA : 2319 TERPENE HYDROCARBONS, N.O.S., 3, III

PINENE BETA

LEGISLATION :

NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
IECSC (China) : Listed
NEPA (China) : CB7361607
COE (Council of Europe) : 2114
FLAVIS : 01.003
JECFA n° : 1330
FEMA : 2903
FDA : 172.515
ISHL (Japan) : Not listed
ENCS (Japan) n° : (4)-593
ECSI (Taiwan) : Listed
ECL (Corée du Sud) n° : KE-11518
RIFM - ID N° : 690
EINECS (EU) : 242-060-2
C.A.S : 127-91-3 18172-67-3

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



SCI2 Skin corrosion / irritation 2
SS1 Sensitisation skin 1



H226 - Flammable liquid and vapour.



H304 - May be fatal if swallowed and enters airways.



H315 - Causes skin irritation.



H317 - May cause an allergic skin reaction.



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.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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.