



PCW

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Technical Data Sheet

PINOACETALDEHYDE

Manufacture PCW

Reference : PINOACETALDEHYDE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Homonopal
<i>IUPAC Name :</i>	6,6-Dimethylbicyclo[3.1.1]hept-2-ene-2-propionaldehyde
<i>Chemical / REACH name :</i>	6,6-dimethylbicyclo(3.1.1) hept-2-ene-2-propanal
<i>Solubility in alcohol (°) :</i>	Yes
<i>Water solubility :</i>	No
<i>Use of the substance / mixture :</i>	Industrial use only
<i>Molecular formula :</i>	C12 H18 O
<i>Molecular weight :</i>	178.10
<i>Anti-oxydant(s) :</i>	Tocopherol 0.4%
<i>Synonyms :</i>	Pino acetaldehyde
<i>Origin raw material :</i>	Synthetic
<i>End use :</i>	Fragrances / Cosmetic
<i>Use level max. recom. :</i>	-
<i>Ref code :</i>	PINO-1

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless to pale yellow
<i>Odour :</i>	Conform to the commercial description.
<i>Refractive index @ 20°C :</i>	[1.483 ; 1.487]
<i>Flash point (°C) (close cup) :</i>	89
<i>Densité à 20/4°C :</i>	[0.955 ; 0.965]
<i>Acid Value :</i>	[0 ; 3.0]
<i>Peak #1 (%) :</i>	pinoacetaldehyde 96%
<i>Peak #2 (%) :</i>	pinocarvone 2%
<i>Peak #3 (%) :</i>	pinocarvyl vinyl ether 2%
<i>Peak #4 (%) :</i>	pinocarveol 2%
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	-
<i>Ignition temperature :</i>	-

PINOACETALDEHYDE

Somme of isomers (by G.C.) (%) 96
:

Impurities >0.01% : -

1.5 VLEP

VLEP short term mg/m3 No data
(98/24/CE) :

VLEP (8h) mg/m3 (98/24/CE) : No data

2 - COSMETIC REGULAR DATA

CAS number : 33885-51-7

Nanoparticle : Not concerned

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 : Restricted (50th Am.)

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

Statut kosher : -

Halal status : -

2.1 - REGULAR DATA FLAVOURS

Ionization : -

REG. 872/2012 CE Annex 1 : Not listed

Genetically Modified Organisms
(GMO) : Does not result / does not contain GMO

Bovine Spongiform
Encephalopathy (BSE) : Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : -

Shelf life : 24 months, according to storage conditions

Tunnel codes ADR : E

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 : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III

Maritime Transport IMDG : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III

Marine pollutant :

Air Transport IATA : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III

PINOACETALDEHYDE

LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed
COE (Council of Europe) : Not listed
KECI : 2019-1-904
TCSI (Taiwan) : Listed
EINECS (EU) : 251-717-2
ENCS (Japan) n° : Not listed
FDA : Not listed
FEMA : Not listed
FLAVIS : Not listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
TSCA (Toxic Substances Control Act - USA) : Listed
RIFM - ID N° : 5664
IECSC (China) : Listed
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
NEPA (China) : CB7227178
ISHL (Japan) : Listed
DSL (Canada) : Listed
JECFA n° : Not listed
C.A.S : 33885-51-7