

**PCW**

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Technical Data Sheet**CEDRENE EPOXIDE ALPHA**

Manufacture PCW

Reference : CEDRENE EPOXIDE ALPHA

1 - TECHNICAL DATA

<i>Chemical / REACH name :</i>	[1aS-(1aa,2aβ,3a,5aa,7β,7aa)]-octahydro-3,6,6,7a-tetramethyl-2H-2a,7-methanoazuleno[5,6-b]oxirane
<i>Synonyms :</i>	Alpha-cedrene epoxide ; 8,9-Epoxy cedrane
<i>Molecular formula :</i>	C ₁₅ H ₂₄ O
<i>Molecular weight :</i>	220.35
<i>Origin raw material :</i>	Synthetic
<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>	BHT 0.1%
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes
<i>I.N.C.I. :</i>	8-cedrene epoxide
<i>IUPAC Name :</i>	(1R,2R,5S,7R,8R,10S)-2,6,6,8-tetramethyl-9-oxatetracyclo[5.4.1.0 ^{1,5} .0 ^{8,10}]dodecane

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless to pale yellow
<i>Odour :</i>	Conform to the commercial description.
<i>Densité à 20/4°C :</i>	[0.998 ; 1.003]
<i>Refractive index @ 20°C :</i>	[1.495 ; 1.499]
<i>Acid Value :</i>	[0 ; 1 mgKOH/g]
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	94
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	[90.00 ; 100.00]
<i>Impurities >0.01% :</i>	-
<i>Relative density @ 25°C :</i>	[0.997 ; 1.002]
<i>Peroxides value mmol/kg :</i>	[0 ; 10]

CEDRENE EPOXIDE ALPHA

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 : No restrictions (49th Am.)

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

Statut kosher : -

Hallal status : -

CAS number : 13567-39-0

2.1 - REGULAR DATA FLAVOURS

Ionization : -

Natural status (Reg. 1334/2008/EC) : -

REG. 872/2012 CE Annex 1 : Not listed

Foodgrade certificate : Not certified

Genetically Modified Organisms (GMO) : -

Bovine Spongiform Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2910 90 00 90

Tunnel codes ADR : /

Shelf life : 24 months, according to storage conditions

Precautions of use : Avoid any direct contact with the product.

4.1 - STORAGE

Storage : Store in cool place (10°C max.), in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

Transport :

Land Transport ADR/RID : NR Not regulated for transport

Maritime Transport IMDG : NR Not regulated for transport

Marine pollutant :

Air Transport IATA : NR Not regulated for transport

CEDRENE EPOXIDE ALPHA

LEGISLATION :

EINECS (EU) : 236-971-4

RIFM - ID N° : 2

NDSL/LES (Canada - Non-domestic Substances List) : Not Listed

DSL (Canada) : Listed

AICS (Australian Invent. Chem. Subs.) : Listed

PICCS (Philippines) : Listed

TSCA (Toxic Substances Control Act - USA) : Listed

ECSI (Taiwan) : Listed

IECSC (China) : Listed

NZIoC (New Zealand) : Listed

C.A.S : 13567-39-0

Labeling :

H000 - Not classified according to the Regulation 1272/2008/EC