

**PCW**

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Technical Data Sheet**HEXADECANOLIDE**

Manufacture PCW

Reference : HEXADECANOLIDE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Hexadecanolactone
<i>IUPAC Name :</i>	Oxacycloheptadecan-2-one
<i>Chemical / REACH name :</i>	Oxacycloheptadecan-2-one
<i>Synonyms :</i>	Dihydroambrettolide ; Hexadecanolide ; juniperolactone
<i>Molecular formula :</i>	C16 H30 O2
<i>Molecular weight :</i>	254.41
<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>	-
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	No

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Oily to solid opaque
<i>Color :</i>	Colorless to very pale yellow
<i>Odour :</i>	Musky, sweet
<i>Density at 20°C :</i>	[0.920 ; 0.950]
<i>Refractive index @ 20°C :</i>	-
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	[33 ; 34]
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	>100
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[96.0 ; 100.0]
<i>Impurities >0.01% :</i>	-

1.5 VLEP

<i>VLEP short term mg/m3 (98/24/CE) :</i>	No data
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HEXADECANOLIDE

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 : 109-29-5

2.1 - REGULAR DATA FLAVOURS

Ionization : -
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 : 2932 20 90 90
Tunnel codes ADR : /
Shelf life : 18 months, according to storage conditions
Precautions of use : -

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 : NR Not regulated for transport
Maritime Transport IMDG : NR Not regulated for transport
Marine pollutant :
Air Transport IATA : NR Not regulated for transport

HEXADECANOLIDE

LEGISLATION :

PICCS (Philippines) : Listed
NZIoC (New Zealand) : Approved
NEPA (China) : CB5217232
DSL (Canada) : Listed
JECFA n° : Not listed
IECSC (China) : Listed
FLAVIS : 10.047
FEMA : Not listed
FDA : Not listed
EPA N° : Listed
ENCS (Japan) n° : Not listed
RIFM - ID N° : 546
Swiss Giftliste 1 : Listed
EINECS (EU) : 203-662-0
TSCA (Toxic Substances Control Act - USA) : Listed
ECL (Corée du Sud) n° : Listed
COE (Council of Europe) : Not listed
AICS (Australian Invent. Chem. Subs.) : Listed
C.A.S : 109-29-5

Labeling :

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