

**PCW**

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Technical Data Sheet**12-OXAHEXADECANOLID**

Manufacture PCW

Reference : 12-OXAHEXADECANOLID

1 - TECHNICAL DATA

<i>Chemical / REACH name :</i>	12-oxahexadecan-16-olide
<i>Synonyms :</i>	Cervolide
<i>Molecular formula :</i>	C ₁₅ H ₂₈ O ₃
<i>Molecular weight :</i>	256.30
<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>	None
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes
<i>I.N.C.I. :</i>	Hibiscolide
<i>IUPAC Name :</i>	12-Oxahexadecan-16-olide

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to pale yellow
<i>Odour :</i>	Musk, macrocyclic, powdery
<i>Density at 20°C :</i>	[0.980 ; 0.986]
<i>Refractive index @ 20°C :</i>	[1.467 ; 1.470]
<i>Acid Value :</i>	[0 ; 2.0 mgKOH/g]
<i>Melting point (°C) :</i>	-27
<i>Boiling point (°C) :</i>	351
<i>Flash point (°C) (close cup) :</i>	166
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[97.0 ; 100.0]
<i>Impurities >0.01% :</i>	-
<i>Refractive index at 25°C :</i>	[1.465 ; 1.468]
<i>Densité à 20/4°C :</i>	[0.978 ; 0.984]
<i>Relative density @ 25°C :</i>	[0.977 ; 0.983]

12-OXAHEXADECANOLID

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 : 6707-60-4

2.1 - REGULAR DATA FLAVOURS

Ionization : -

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

REG. 872/2012 CE Annex 1 : Not listed

Foodgrade certificate : -

Genetically Modified Organisms (GMO) : -

Bovine Spongiform Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2932 20 90 90

Tunnel codes ADR : /

Shelf life : 24 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 : Not verified

Maritime Transport IMDG : Not verified

Marine pollutant :

Air Transport IATA : Not verified

12-OXAHEXADECANOLID

LEGISLATION :

NEPA (China) : CB3736580
ISHL (Japan) : Not listed
ENCS (Japan) n° : Not listed
ECL (Corée du Sud) n° : KE-12001
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
PICCS (Philippines) : Listed
ECSI (Taiwan) : Listed
NZIoC (New Zealand) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
IECSC (China) : Listed
FDA : Not listed
FEMA : Not listed
JECFA n° : Not listed
COE (Council of Europe) : Not listed
FLAVIS : Not listed
RIFM - ID N° : 991
EINECS (EU) : 229-755-6
C.A.S : 6707-60-4

Labeling :

EHC3 Hazardous to the aquatic environment, long-term hazard 3

H412 - Harmful to aquatic life with long lasting effects.

P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.