

**PCW**

45 Boulevard Marcel PAGNOL

06130 GRASSE - FRANCE

Tel : +33 (0)4 92 42 35 00 Fax: +33 (0)4 92 42 35 19

Site : www.pcwfrance.com Mail : info@pcwfrance.com

Technical Data Sheet**HEXADECANOLIDE**

Manufacture PCW

Reference : HEXADECANOLIDE

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>Molecular formula :</i>	C ₁₆ H ₃₀ O ₂
<i>Origin raw material :</i>	Synthetic
<i>Process :</i>	See flow chart
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>CAS number :</i>	109-29-5
<i>Ionization :</i>	Not submitted to a processing of ionization
<i>GMO (Reg (EC) 1829/2003 & 1830/2003 :</i>	Does not contain/consist of and/or is not derived from/produced with the help of genetically modified organisms or derivative ingredients.
<i>Nanomaterials :</i>	Does not contain nanomaterials as defined in Regulation (EC) 1223/2009 and Recommendation 2011/696/UE

ANALYTICAL DATA

<i>Appearance :</i>	Oily to solid opaque
<i>Colour :</i>	Colourless to very pale yellow
<i>Odour :</i>	Musky, sweet
<i>Density 20/20°C :</i>	[0.920 ; 0.950]
<i>Refractive index @ 20°C :</i>	-
<i>Flash point (°C) (close cup) :</i>	>100
<i>Purity (%) :</i>	[96.0 ; 100.0]

COSMETIC REGULAR DATA

<i>Anti-oxydant(s) :</i>	-
<i>Huile de palme ou dérivés :</i>	Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.
<i>Animal testing :</i>	In accordance with Article 18 of the Cosmetic Regulation (EC) No 1223/2009
<i>ISO 16128 :</i>	The Natural Index is: In= 0. The Natural Origin Index is: Ino= 0.

REGULAR DATA FLAVOURS

<i>Foodgrade certificate :</i>	In compliance with Regulation (EC) 1334/2008
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HEXADECANOLIDE

<i>Bovine Spongiform Encephalopathy (BSE) :</i>	Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process
<i>Natural status (Reg. 1334/2008/EC) :</i>	Flavouring substance
<i>Vegan :</i>	Conform
<i>Food allergens (Reg. 1169/2011/EC) :</i>	Certificate by request

TRANSPORT - HANDLING - STORAGE

<i>Custom tariff :</i>	2932 20 90 90
<i>Shelf life :</i>	18 months, according to storage conditions
<i>Precautions of use :</i>	-
<i>Storage :</i>	Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

LEGISLATION :

TSCA (Toxic Substances Control Act - USA) : Listed
Swiss Giftliste 1 : Listed
RIFM - ID N° : 546
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
NEPA (China) : CB5217232
JECFA n° : Not listed
IECSC (China) : Listed
FLAVIS : 10.047
FEMA : Not listed
FDA : Not listed
EPA N° : Listed
ENCS (Japan) n° : 5-6868
EINECS (EU) : 203-662-0
KECI : 2012-3-5355
COE (Council of Europe) : Not listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
C.A.S : 109-29-5