

**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**GAMMA HEPTALACTONE**

Manufacture PCW

Reference : GAMMA HEPTALACTONE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Gamma-heptalactone
<i>IUPAC Name :</i>	Heptan-4-olide
<i>Chemical / REACH name :</i>	Heptan-4-olide
<i>Synonyms :</i>	4-Heptanolide ; 5-Propyldihydrofuran-2(3H)-one ; gamma-Propylbutyrolactone
<i>Molecular formula :</i>	C7 H12 O2
<i>Molecular weight :</i>	128.17
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-
<i>Anti-oxydant(s) :</i>	Not added directly
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless
<i>Odour :</i>	Waxy, creamy, coconut
<i>Relative density @ 25°C :</i>	[0.989 ; 0.996]
<i>Refractive index @ 20°C :</i>	[1.439 ; 1.445]
<i>Acid Value :</i>	2 mgKOH/g max
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	230
<i>Flash point (°C) (close cup) :</i>	105
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	>98.0
<i>Impurities >0.01% :</i>	-

1.5 VLEP

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

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 : Certified
Hallal status : Certified
CAS number : 105-21-5

2.1 - REGULAR DATA FLAVOURS

Ionization : -
Natural status (Reg. 1334/2008/EC) : Flavouring substance
REG. 872/2012 CE Annex 1 : Listed
Foodgrade certificate : complies 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 60 00
Tunnel codes ADR : /
Shelf life : 30 months, according to storage conditions
Precautions of use : Avoid any direct contact with the product.

4.1 - STORAGE

Storage : Store in cool and dry place

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

GAMMA HEPTALACTONE

LEGISLATION :

FEMA : 2539
COE (Council of Europe) : 2253
JECFA n° : 225
AICS (Australian Invent. Chem. Subs.) : Listed
ECL (Corée du Sud) n° : KE-10739
DSL (Canada) : Listed
IECSC (China) : Listed
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
NEPA (China) : CB8461603
FLAVIS : 10.020
ENCS (Japan) n° : (9)-137
ISHL (Japan) : Listed
FDA : 172.515
EINECS (EU) : 203-279-9
RIFM - ID N° : 895
C.A.S : 105-21-5

Labeling :

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