

**PCW**

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Technical Data Sheet**GAMMA DODECALACTONE**

Manufacture PCW

Reference : GAMMA DODECALACTONE

1 - TECHNICAL DATA

<i>Chemical / REACH name :</i>	Dihydro-5-octylfuran-2(3H)-one
<i>Synonyms :</i>	1,4 dodecanolide ; 4-Dodecanolide ; Dihydro-5-octyl-2(3H)-furanone
<i>Molecular formula :</i>	C ₁₂ H ₂₂ O ₂
<i>Molecular weight :</i>	198.3
<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>	None
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes
<i>I.N.C.I. :</i>	Gamma-dodecalactone
<i>IUPAC Name :</i>	5-octyloxolan-2-one

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless to pale yellow
<i>Odour :</i>	Powerful, fruity, peach
<i>Density at 20°C :</i>	[0.934 ; 0.940]
<i>Refractive index @ 20°C :</i>	[1.451 ; 1.456]
<i>Acid Value :</i>	[0 ; 1.0 mgKOH/g]
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	> 150
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	-
<i>Impurities >0.01% :</i>	-
<i>Purity (%) :</i>	[98.00 ; 100.00]

1.5 VLEP

GAMMA DODECALACTONE

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 : 2305-05-7

2.1 - REGULAR DATA FLAVOURS

Ionization : -

Natural status (Reg. 1334/2008/EC) : Flavouring substance

REG. 872/2012 CE Annex 1 : Listed

Foodgrade certificate : Certified

Genetically Modified Organisms (GMO) : -

Bovine Spongiform Encephalopathy (BSE) : -

Food allergens (Reg. 1169/2011/EC) : None

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2932 20 90 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 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

GAMMA DODECALACTONE

LEGISLATION :

ENCS (Japan) n°: (9)-137
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
ECL (Corée du Sud) n°: KE-10726
ECSI (Taiwan) : Listed
IECSC (China) : Listed
COE (Council of Europe) : Listed
FLAVIS : 10.019
FDA : 172.515
JECFA n°: 235
FEMA : 2400
EINECS (EU) : 218-971-6
RIFM - ID N°: 588
C.A.S : 2305-05-7

Labeling :



SCI2 Skin corrosion / irritation 2

H315 - Causes skin irritation.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P332+P313 - If skin irritation occurs: Get medical advice/attention.