

**PCW**

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Technical Data Sheet**DIHYDROIONONE GAMMA**

Manufacture PCW

Reference : DIHYDROIONONE GAMMA

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	4-dimethylmethylenecyclohexyl-butan-2-one
<i>IUPAC Name :</i>	4-(2,2-Dimethyl-6-methylenecyclohexyl)butan-2-one
<i>Chemical / REACH name :</i>	4-(2,2-dimethyl-6-methylenecyclohexyl)butan-2-one
<i>Synonyms :</i>	Gamma-dihydroionone
<i>Molecular formula :</i>	C13 H22 O
<i>Molecular weight :</i>	194.31
<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

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Pale yellow to yellow
<i>Odour :</i>	Violet, Floral, Ambery
<i>Densité à 20/4°C :</i>	[0.869 ; 0.969]
<i>Refractive index @ 20°C :</i>	[1.430 ; 1.530]
<i>Acid Value :</i>	[0 ; 1 mg KOH/ g]
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	>100
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	92
<i>Impurities >0.01% :</i>	-

1.5 VLEP

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

CAS number : 13720-12-2

2.1 - REGULAR DATA FLAVOURS

Ionization : -

REG. 872/2012 CE Annex 1 : Not listed

Genetically Modified Organisms
(GMO) : Does not result / does not contain GMO

Bovine Spongiform
Encephalopathy (BSE) : Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2914 23 00 00

Tunnel codes ADR : /

Shelf life : 12 months, according to storage conditions

Precautions of use : Avoid any direct contact with the product.

4.1 - STORAGE

Storage : Store in cool place (10°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

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LEGISLATION :

NEPA (China) : CB9924235
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Not listed
TSCA (Toxic Substances Control Act - USA) : Listed
IECSC (China) : Listed
JECFA n° : Not listed
FLAVIS : Not listed
COE (Council of Europe) : Not listed
FEMA : Not listed
FDA : Not listed
ISHL (Japan) : Not listed
ENCS (Japan) n° : Not listed
ECSI (Taiwan) : Listed
ECL (Corée du Sud) n° : Not listed
RIFM - ID N° : Not listed
EINECS (EU) : 237-283-7
C.A.S : 13720-12-2

Labeling :

R52-53:Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment