

**PCW**

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Technical Data Sheet**DIHYDRO ISOJASMONATE**

Manufacture PCW

Reference : DIHYDRO ISOJASMONATE

1 - TECHNICAL DATA

<i>IUPAC Name :</i>	Methyl 2-hexyl-3-oxocyclopentanecarboxylate
<i>I.N.C.I. :</i>	Methyl hexyl cyclopentanone carboxylate
<i>Chemical / REACH name :</i>	Methyl-(2-pentyl-3-oxocyclopentan-1yl) acetate
<i>Synonyms :</i>	Methyl dihydrojasmonate, Hedione, MDJ
<i>Molecular formula :</i>	C13 H22 O3
<i>Molecular weight :</i>	226.3
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>Anti-oxydant(s) :</i>	-
<i>Water solubility :</i>	0.186 g/l (measured)
<i>Solubility in alcohol (°) :</i>	Yes
<i>Origin raw material :</i>	Synthetic
<i>Use level max. recom. :</i>	-

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless to clear yellow
<i>Odour :</i>	Characteristic, Floral, Jasmin, Rose
<i>Relative density 20°C :</i>	[0.991 ; 0.999]
<i>Refractive index @ 20°C :</i>	[1.456 ; 1.460]
<i>Optical rotation (°) :</i>	-
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	73.6
<i>Flash point (°C) (close cup) :</i>	>100
<i>Boiling point (°C) :</i>	296°C (1013 mbar) (measured)
<i>Purity (%) :</i>	98 % min. (sum of 2 isomers)
<i>pH-value :</i>	Not applicable
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	-

DIHYDRO ISOJASMONATE

Impurities >0.01% : -

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

Statut kosher : In compliance with the religious concepts

Hallal status : In compliance with the religious concepts

Allergens SCCNFP List : See certificate

IFRA : No restrictions (49th Am.)

CAS number : 27172-53-5

VOC Swiss - Annex 1 : Not listed

LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) : 100%

Reg. 1223/2009 & mod. : See certificate

CMR (Reg. 1223/2009/EEC) : See certificate

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

Shelf life : 12 months, according to storage conditions

Tunnel codes ADR : /

Custom tariff : 2918 30 00 00

Precautions of use : Avoid breathing dust/fume/gas/mist/vapours/spray.

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

DIHYDRO ISOJASMONATE

LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed
COE (Council of Europe) : Not listed
ECL (Corée du Sud) n° : Not listed
ECSI (Taiwan) : Listed
EINECS (EU) : 253-379-1
ENCS (Japan) n° : (3)-4578
EPA N° : Not listed
FDA : Not listed
FEMA : Not listed
FLAVIS : Not listed
IECSC (China) : Listed
ISHL (Japan) : Not listed
JECFA n° : Not listed
DSL (Canada) : Not listed
NEPA (China) : CB6271422
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Listed
RIFM - ID N° : 1168
TSCA (Toxic Substances Control Act - USA) : 37172-53-5
C.A.S : 37172-53-5

Labeling :

R0:Not classified according to Directive 67/548/EEC (EU DSD)