

**PCW**

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Technical Data Sheet**METHYLIONONE BETA**

Manufacture PCW

Reference : METHYLIONONE BETA

1 - TECHNICAL DATA

<i>Chemical / REACH name :</i>	1-(2,6,6-trimethyl-1-cyclohexen-1-yl)pent-1-en-3-one
<i>Synonyms :</i>	Methyl-beta-ionone ; lraldeine, beta-
<i>Molecular formula :</i>	C ₁₄ H ₂₂ O
<i>Molecular weight :</i>	206.33
<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>	BHT max. 0.1%
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes
<i>I.N.C.I. :</i>	Alpha-methyl-beta-ionone
<i>IUPAC Name :</i>	1-(2,6,6-trimethyl-1-cyclohexen-1-yl)pent-1-en-3-one

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless to pale yellow
<i>Odour :</i>	Fruity, woody, floral
<i>Density at 20°C :</i>	[0.930 ; 0.938]
<i>Refractive index @ 20°C :</i>	[1.505 ; 1.511]
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	94
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	[90.70 ; 100.00]
<i>Impurities >0.01% :</i>	-
<i>beta Isomer (%) :</i>	[35.00 ; 55.00]

1.5 VLEP

METHYLIONONE BETA

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 : Restricted (49th Am.)

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

Statut kosher : -

Hallal status : -

CAS number : 127-43-5

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 : 2914 23 00 00

Tunnel codes ADR : E

Shelf life : 12 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 : 3082 Environmentally hazardous substance, liquid, n.o.s., (2,6,6-trimethyl-1-cyclohexen-1-yl)pent-1-en-3-one), 9, III

Maritime Transport IMDG : 3082 Environmentally hazardous substance, liquid, n.o.s., (2,6,6-trimethyl-1-cyclohexen-1-yl)pent-1-en-3-one), 9, III

Marine pollutant : Yes

Air Transport IATA : 3082 Environmentally hazardous substance, liquid, n.o.s., (2,6,6-trimethyl-1-cyclohexen-1-yl)pent-1-en-3-one), 9, III

METHYLIONONE BETA

LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed
COE (Council of Europe) : 144
ECL (Corée du Sud) n° : KE-34485
ECSI (Taiwan) : Listed
EINECS (EU) : 204-843-7
FDA : 172.515
FEMA : 2712
FLAVIS : 07.010
IECSC (China) : Listed
JECFA n° : 399
DSL (Canada) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
ENCS (Japan) n° : (3)-3306
RIFM - ID N° : 6272
C.A.S : 127-43-5

Labeling :



EHC2 Hazardous to the aquatic environment, long-term hazard 2
SCI2 Skin corrosion / irritation 2



H315 - Causes skin irritation.
H411 - Toxic to aquatic life with long lasting effects.

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.
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.