

**PCW**

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Technical Data Sheet**ISORALDEINE CETONE ALPHA**

Manufacture PCW

Reference : ISORALDEINE CETONE ALPHA

1 - TECHNICAL DATA

<i>Chemical / REACH name :</i>	3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one
<i>Synonyms :</i>	-
<i>Molecular formula :</i>	C ₁₄ H ₂₂ O
<i>Molecular weight :</i>	206.3
<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>	0.005% citric acid ; 0.02% a-tocopherol
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes
<i>I.N.C.I. :</i>	Alpha-isomethyl ionone
<i>IUPAC Name :</i>	3-Methyl-4-(2,6,6-trimethyl-2-cyclohexenyl)-3-buten-2-one; Methyl-gamma-ionone; gamma-Methylionone

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to pale yellow
<i>Odour :</i>	Woody, iris, floral, light
<i>Density at 20°C :</i>	[0.930 ; 0.934]
<i>Refractive index @ 20°C :</i>	[1.498 ; 1.502]
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	<-50°C
<i>Boiling point (°C) :</i>	270
<i>Flash point (°C) (close cup) :</i>	80.5
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	-
<i>Impurities >0.01% :</i>	-
<i>Peak #2 (%) :</i>	[Isomer iso-beta : 2.0 ; 6.0]
<i>Peak #3 (%) :</i>	[Isomer iso-alpha : 90.0 ; 95.00]

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Peak #1 (%) :	[Isomer n-alpha : 0 ; 4.0]
Relative density @ 25°C :	[0.927 ; 0.931]
Densité à 20/4°C :	[0.928 ; 0.932]
Refractive index at 25°C :	[1.496 ; 1.500]

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

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 :	Certified
Hallal status :	In compliance with the religious concepts
CAS number :	1335-46-2 ; 127-51-5 ; 15789-90-9

2.1 - REGULAR DATA FLAVOURS

Ionization :	-
Natural status (Reg. 1334/2008/EC) :	-
REG. 872/2012 CE Annex 1 :	Not listed
Foodgrade certificate :	-
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 :	E
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.
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Transport :

Land Transport ADR/RID :	3082 Environmentally hazardous substance, liquid, n.o.s., (3-méthyl-4-(2,6,6-triméthyl-2-cyclohexène-1-yl)-3-butène-2-one, Methyl-ionone), 9, III
Maritime Transport IMDG :	3082 Environmentally hazardous substance, liquid, n.o.s., (3-méthyl-4-(2,6,6-triméthyl-2-cyclohexène-1-yl)-3-butène-2-one, Methyl-ionone), 9, III
Marine pollutant :	
Air Transport IATA :	3082 Environmentally hazardous substance, liquid, n.o.s., (3-méthyl-4-(2,6,6-triméthyl-2-cyclohexène-1-yl)-3-butène-2-one, Methyl-ionone), 9, III

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LEGISLATION :

FEMA : 2714
EINECS (EU) : 215-635-0 ; 204-846-3
FLAVIS : Not listed
COE (Council of Europe) : Not listed
JECFA n° : Not listed
IECSC (China) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
NZIoC (New Zealand) : Listed
ECSI (Taiwan) : Listed
PICCS (Philippines) : Listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
RIFM - ID N° : 140
ECL (Corée du Sud) n° : KE-24309
ENCS (Japan) n° : (3)-2385
ISHL (Japan) : (3)-2385
NEPA (China) : CB7126334
C.A.S : 1335-46-2 127-51-5 15789-90-9

Labeling :



EHC2 Hazardous to the aquatic environment, long-term hazard 2



SC12 Skin corrosion / irritation 2

SS1 Sensitisation skin 1



H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H411 - Toxic to aquatic life with long lasting effects.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 - Contaminated work clothing should not be allowed out of the workplace.

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

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

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

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