

**PCW**

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Technical Data Sheet**IRISONE ALPHA (IONONE ALPHA)**

Manufacture PCW

Reference : IRISONE ALPHA (IONONE ALPHA)

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	alpha-Ionone
<i>IUPAC Name :</i>	4-(2,6,6-Trimethylcyclohex-2-eneyl)-but-3-ene-2-one
<i>Chemical / REACH name :</i>	4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one
<i>Synonyms :</i>	alpha-Ionone ; alpha-Irisone
<i>Use of the substance / mixture :</i>	Industrial use only
<i>Molecular formula :</i>	C ₁₃ H ₂₀ O
<i>Molecular weight :</i>	192.30
<i>Origin raw material :</i>	100% Synthétique
<i>Origine géographique :</i>	Spain
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	1 in 10 (60% alcohol)
<i>Anti-oxydant(s) :</i>	-
<i>End use :</i>	Fragrances / Cosmetic
<i>Use level max. recom. :</i>	-

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless to pale yellow
<i>Odour :</i>	Mild sweet, floral, woody, oily, violet character odour.
<i>Density 20/20°C :</i>	[0.928 ; 0.933]
<i>Refractive index @ 20°C :</i>	[1.495 ; 1.500]
<i>Acid Value :</i>	[0.3432 ; 1.0 max]
<i>Peak #1 (%) :</i>	[(alpha isomer) 90.0 ; 95.0]
<i>Pseudo Ionone (%) :</i>	[0 ; 1]
<i>Solvant Résiduel : Ethanol :</i>	0.475%
<i>Boiling point (°C) :</i>	237
<i>Flash point (°C) (close cup) :</i>	117
<i>Melting point (°C) :</i>	-
<i>Ignition temperature :</i>	-
<i>Impurities >0.01% :</i>	-

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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

Allergens SCCNFP List : See certificate

CAS number : 127-41-3

IFRA : No restrictions (49th Am.)

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

Statut kosher : Certified

Halal status : -

2.1 - REGULAR DATA FLAVOURS

Ionization : -

REG. 872/2012 CE Annex 1 : Listed

Genetically Modified Organisms (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

Foodgrade certificate : Not certified

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

4 - TRANSPORT - HANDLING - STORAGE

Shelf life : 12 months, according to storage conditions

Tunnel codes ADR : -

Custom tariff : 2914 23 00 00

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

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LEGISLATION :

TCSI (Taiwan) : Listed
EINECS (EU) : 204-841-6 / 232-396-8
ENCS (Japan) n° : (3)-2387
NEPA (China) : CB1181739
FDA : 172.515
FEMA : 2594
FLAVIS : 07.007
ISHL (Japan) : Listed
JECFA n° : 388
DSL (Canada) : Listed
PICCS (Philippines) : Listed
KECI : KE-34468
COE (Council of Europe) : 141
AICS (Australian Invent. Chem. Subs.) : Listed
IECSC (China) : Listed
NZIoC (New Zealand) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
RIFM - ID N° : 6132
TSCA (Toxic Substances Control Act - USA) : Listed
C.A.S : 127-41-3 8013-90-9

Labeling :

EHC3 Hazardous to the aquatic environment, long-term hazard 3

H412 - Harmful to aquatic life with long lasting effects.

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