

**PCW**

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Technical Data Sheet**IONONE ALPHA 80%**

Manufacture PCW

Reference : IONONE ALPHA 80%

1 - TECHNICAL DATA

<i>Ref code :</i>	IO80-1
<i>I.N.C.I. :</i>	Alpha-ionone
<i>IUPAC Name :</i>	(3E)-4-(2,6,6-Trimethylcyclohex-2-en-1-yl)but-3-en-2-one
<i>Chemical / REACH name :</i>	4-(2,6,6-trimethylcyclohex-2-ene-1-yl)-but-3-ene-2-one
<i>Synonyms :</i>	-
<i>Molecular formula :</i>	C ₁₃ H ₂₀ O
<i>Molecular weight :</i>	192.30 g/mol
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>Anti-oxydant(s) :</i>	None
<i>Water solubility :</i>	Yes
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless to pale yellow
<i>Odour :</i>	Characteristic
<i>Density at 20°C :</i>	[0.932 ; 0.938]
<i>Refractive index @ 20°C :</i>	[1.497 ; 1.506]
<i>Acid Value :</i>	-
<i>Flash point (°C) (close cup) :</i>	>100
<i>Boiling point (°C) :</i>	-
<i>Melting point (°C) :</i>	-
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[80.0 ; 83.0]
<i>Impurities >0.01% :</i>	Gamma-ionone : 1.0 - 8.0% Beta-ionone : 5.0 - 18.0%

1.5 VLEP

IONONE ALPHA 80%

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%

IFRA : See certificate - Raw material not regulated as such but contains indirect substances included within the IFRA Standards (50th Am.).

Reg. 1223/2009 & mod. : See certificate

Allergens SCCNFP List : See certificate

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

Halal status : In compliance with the religious concepts

Statut kosher : In compliance with the religious concepts

CAS number : 127-41-3

Animal testing : -

Nanoparticle : Not concerned

ISO 9235 : -

ISO 16128 : -

2.1 - REGULAR DATA FLAVOURS

REG. 872/2012 CE Annex 1 : Listed

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

Foodgrade certificate : Not certified

Ionization : Not submitted to a processing of ionization

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

Vegan : Yes

Food allergens (Reg. 1169/2011/EC) : -

4 - TRANSPORT - HANDLING - STORAGE

Tunnel codes ADR : E

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

Shelf life : 24 months, according to storage conditions

Custom tariff : 2914 23 00 00

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.(beta-ionone), 9, III

Maritime Transport IMDG : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(beta-ionone), 9, III

Marine pollutant :

Air Transport IATA : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(beta-ionone), 9, III

IONONE ALPHA 80%

LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed
EINECS (EU) : 204-841-6
DSL (Canada) : Listed
IECSC (China) : Listed
ENCS (Japan) n° : (3)-2387
ISHL (Japan) : Listed
TCSI (Taiwan) : Listed
FLAVIS : 07.007
JECFA n° : 388
COE (Council of Europe) : 141
NEPA (China) : CB1181739
PICCS (Philippines) : Listed
FEMA : 2594
FDA : 172.515
RIFM - ID N° : 6132
TSCA (Toxic Substances Control Act - USA) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Listed
KECI : KE-34468
NZIoC (New Zealand) : Listed
C.A.S : 127-41-3

Labeling :



EHC2 Hazardous to the aquatic environment, long-term hazard 2
SS1 Sensitisation skin 1



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