

**PCW**

45 Boulevard Marcel PAGNOL

06130 GRASSE - FRANCE

Tel : +33 (0)4 92 42 35 00 Fax: +33 (0)4 92 42 35 19

Site : www.pcwfrance.com Mail : info@pcwfrance.com

Technical Data Sheet**IONONE BETA NATUREL**

Manufacture PCW

Reference : IONONE BETA NATUREL

1 - TECHNICAL DATA

<i>Ref code :</i>	IOBNAT-1
<i>I.N.C.I. :</i>	Beta ionone
<i>Botanical name :</i>	-
<i>Description :</i>	Obtained from beta-carotin
<i>Origin raw material :</i>	100% natural
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-
<i>Origine géographique :</i>	China
<i>Molecular weight :</i>	192.30
<i>Anti-oxydant(s) :</i>	None
<i>Water solubility :</i>	No
<i>Molecular formula :</i>	C ₁₃ H ₂₀ O

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Colour :</i>	Colourless to pale yellow
<i>Odour :</i>	Fruity, violet
<i>Relative density @ 25°C :</i>	[0.940 ; 0.947]
<i>Refractive index @ 20°C :</i>	[1.517 ; 1.522]
<i>Optical rotation (°) :</i>	-
<i>Boiling point (°C) :</i>	126
<i>Flash point (°C) (close cup) :</i>	>93
<i>Peroxides value mmol/kg :</i>	-
<i>Purity (%) :</i>	[90 ; 100]

2 - COSMETIC REGULAR DATA

<i>Reg. 1223/2009 & mod. :</i>	See certificate
<i>Allergens SCCNFP List :</i>	See certificate
<i>CMR (Reg. 1223/2009/EEC) :</i>	See certificate
<i>IFRA :</i>	No restrictions (50th Am.)

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<i>Statut kosher :</i>	Certified
<i>Halal status :</i>	In compliance with the religious concepts
<i>ISO 9235 :</i>	This product is a 100% natural essential oil obtained by physical processes only from a botanical source. Complies with the ISO 9235:2013 standard.
<i>ISO 16128 :</i>	100 % natural ingredients
<i>CAS number :</i>	14901-07-6
<i>Animal testing :</i>	-
<i>Nanomaterials :</i>	Not concerned

2.1 - REGULAR DATA FLAVOURS

<i>Natural status (Reg. 1334/2008/EC) :</i>	Natural flavouring substance
<i>Food allergens (Reg. 1169/2011/EC) :</i>	None
<i>Bovine Spongiform Encephalopathy (BSE) :</i>	-
<i>GMO (Reg (EC) 1829/2003 & 1830/2003) :</i>	Does not result / does not contain GMO
<i>Ionization :</i>	Not submitted to a processing of ionization
<i>Vegan :</i>	Yes

4 - TRANSPORT - HANDLING - STORAGE

<i>Tunnel codes ADR :</i>	/
<i>Shelf life :</i>	18 months, according to storage conditions
<i>Custom tariff :</i>	2914 23 00 00
<i>Precautions of use :</i>	Avoid any direct contact with the product.

4.1 - STORAGE

<i>Storage :</i>	Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.
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Transport :

<i>Land Transport ADR/RID :</i>	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(4-(2,6,6-trimethylcyclohex-1-ene-1-yl)-but-3-ene-2-one), 9, III
<i>Maritime Transport IMDG :</i>	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(4-(2,6,6-trimethylcyclohex-1-ene-1-yl)-but-3-ene-2-one), 9, III
<i>Marine pollutant :</i>	
<i>Air Transport IATA :</i>	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(4-(2,6,6-trimethylcyclohex-1-ene-1-yl)-but-3-ene-2-one), 9, III

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LEGISLATION :

RIFM - ID N° : 5022
EINECS (EU) : 238-969-9
COE (Council of Europe) : 142
FLAVIS : 07.008
FDA : 172.515
FEMA : 2595
JECFA n° : 389
NEPA (China) : CB8456519
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
KECI : KE-34475
ENCS (Japan) n° : (3)-2387
ISHL (Japan) : Not listed
TCSI (Taiwan) : Listed
IECSC (China) : Listed
C.A.S : 14901-07-6

Labeling :



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

H411 - Toxic to aquatic life with long lasting effects.

P273 - Avoid release to the environment.

P391 - Collect spillage.

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