

**PCW**

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Technical Data Sheet**ORIVONE**

Manufacture PCW

Reference : ORIVONE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Isopentylcyclohexanone
<i>IUPAC Name :</i>	4-tert-Pentylcyclohexanone; Amylocyclohexanone
<i>Chemical / REACH name :</i>	4-tert-pentylcyclohexanone
<i>Synonyms :</i>	Orivone
<i>Molecular formula :</i>	C11 H20 O
<i>Molecular weight :</i>	168.28
<i>Origin raw material :</i>	Synthetic
<i>Origine géographique :</i>	-
<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>	0.1% stabiliff
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless
<i>Odour :</i>	Characteristic
<i>Densité à 20/4°C :</i>	[0.919 ; 0.927]
<i>Relative density @ 25°C :</i>	[0.918 ; 0.926]
<i>Refractive index @ 20°C :</i>	[1.465 ; 1.471]
<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>Purity (%) :</i>	[92.0 ; 100.0]
<i>Impurities >0.01% :</i>	-
<i>Peak #1 (%) :</i>	[cis-1-t.amyl-cyclohexanol : 0.0 ; 3.0]

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Peak #2 (%) : [trans-1-t.amyl-cyclohexanol : 0.0 ; 3.0]

Peak #3 (%) : [pentaphen : 0.0 ; 0.1]

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 : No restrictions (49th Am.)

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

Statut kosher : -

Halal status : -

CAS number : 16587-71-6

Nanoparticle : Not concerned

2.1 - REGULAR DATA FLAVOURS

Ionization : -

REG. 872/2012 CE Annex 1 : Not listed

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 29 00 90

Tunnel codes ADR : D/E

Shelf life : 12 months, according to storage conditions

Precautions of use : -

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.(4-tert-pentylcyclohexanone), 9

Maritime Transport IMDG : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(4-tert-pentylcyclohexanone), 9

Marine pollutant : Yes

Air Transport IATA : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(4-tert-pentylcyclohexanone), 9

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LEGISLATION :

Swiss Giftliste 1 : Listed
FDA : Not listed
IECSC (China) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
JECFA n° : Not listed
FEMA : Not listed
RIFM - ID N° : 347
EINECS (EU) : 240-642-0
FLAVIS : Not listed
COE (Council of Europe) : Not listed
NEPA (China) : CB3277357
ENCS (Japan) n° : Not listed
ISHL (Japan) : Not listed
DSL (Canada) : Listed
TCSI (Taiwan) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
AICS (Australian Invent. Chem. Subs.) : Listed
KECI : Not listed
C.A.S : 16587-71-6

Labeling :



ED12 Serious eye damage / eye irritation 2
EHC2 Hazardous to the aquatic environment, long-term hazard 2
SC12 Skin corrosion / irritation 2



H315 - Causes skin irritation.
H319 - Causes serious eye 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.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: 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.