

**PCW**

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Technical Data Sheet**BOAVONE**

Manufacture PCW

Reference : BOAVONE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Pentamethylheptenone
<i>IUPAC Name :</i>	(Z)-3,4,5,6,6-Pentamethylhept-3-en-2-one (cis); (E)-3,4,5,6,6-Pentamethylhept-3-en-2-one (trans)
<i>Chemical / REACH name :</i>	(E)-3,4,5,6,6-pentamethylhept-3-en-2-one
<i>Synonyms :</i>	Koavone; Astrone; Boavone; Acetyl Diisoamylene
<i>Molecular formula :</i>	C ₁₂ H ₂₂ O
<i>Molecular weight :</i>	182.30
<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>	0.01% BHT
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Pale yellow to clear yellow
<i>Odour :</i>	Woody, balsamic, floral, pin
<i>Density at 20°C :</i>	[0.862 ; 0.872]
<i>Refractive index @ 20°C :</i>	[1.450 ; 1.460]
<i>Acid Value :</i>	[- ; -]
<i>Melting point (°C) :</i>	[- ; -]
<i>Boiling point (°C) :</i>	246.20 (est)
<i>Flash point (°C) (close cup) :</i>	86
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	90.0 % (min.)
<i>Impurities >0.01% :</i>	-

1.5 VLEP

<i>VLEP short term mg/m³ (98/24/CE) :</i>	No data
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VLEP (8h) mg/m3 (98/24/CE) : No data

2 - COSMETIC REGULAR DATA

VOC Swiss - Annex 1 : Not listed

Low 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 : Certified

Hallal status : Certified

CAS number : 81786-73-4

Nanoparticle : Not concerned

2.1 - REGULAR DATA FLAVOURS

Ionization : Not submitted to a processing of 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 19 90 90

Tunnel codes ADR : E

Shelf life : 12 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.

Transport :

Land Transport ADR/RID : 3082 Environmentally hazardous substance, liquid, n.o.s., (3,5,6,6-Tetramethyl-4-methyleneheptan-2-one), 9, III

Maritime Transport IMDG : 3082 Environmentally hazardous substance, liquid, n.o.s., (3,5,6,6-Tetramethyl-4-methyleneheptan-2-one), 9, III

Marine pollutant : Yes

Air Transport IATA : 3082 Environmentally hazardous substance, liquid, n.o.s., (3,5,6,6-Tetramethyl-4-methyleneheptan-2-one), 9, III

BOAVONE

LEGISLATION :

PICCS (Philippines) : Listed
EINECS (EU) : 279-822-9; 279-823-4
FEMA : Not listed
COE (Council of Europe) : Not listed
FLAVIS : Not listed
ISHL (Japan) : Not listed
JECFA n° : Not listed
DSL (Canada) : Listed
ECSI (Taiwan) : Listed
RIFM - ID N° : 5998
ECL (Corée du Sud) n° : KE-27958
FDA : Not listed
NEPA (China) : CB9490965
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
AICS (Australian Invent. Chem. Subs.) : Listed
IECSC (China) : Listed
TSCA (Toxic Substances Control Act - USA) : Not listed
NZIoC (New Zealand) : Listed
ENCS (Japan) n° : Not listed
C.A.S : 81786-73-4 81786-74-5