

**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**OKOUMAL**

Manufacture PCW

Reference : OKOUMAL

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Trans-2,4-dimethyl-2-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-1,3-dioxolane
<i>IUPAC Name :</i>	Trans-2,4-Dimethyl-2-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-1,3-dioxolane
<i>Chemical / REACH name :</i>	A mixture of: trans-2,4-dimethyl-2-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-naphthalene-2-yl)-1,3-dioxolane; cis-2,4-dimethyl-2-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-naphthalene-2-yl)-1,3-dioxolane
<i>Synonyms :</i>	Okoumal
<i>Molecular formula :</i>	C38 H56 O4
<i>Molecular weight :</i>	288.40
<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>	None
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless to pale yellow
<i>Odour :</i>	Woody, amber, light, musky
<i>Density at 20°C :</i>	[1.005 ; 1.009]
<i>Densité à 20/4°C :</i>	[1.003 ; 1.007]
<i>Density @ 25°C :</i>	[1.002 ; 1.006]
<i>Refractive index @ 20°C :</i>	[1.511 ; 1.515]
<i>Refractive index at 25°C :</i>	[1.509 ; 1.513]
<i>Acid Value :</i>	[0 ; 1.0 mg/gKOH]
<i>Melting point (°C) :</i>	<-50
<i>Boiling point (°C) :</i>	303
<i>Flash point (°C) (close cup) :</i>	104
<i>Ignition temperature :</i>	-

OKOUMAL

Somme of isomers (by G.C.) (%) 90.0
:

Impurities >0.01% : -
Peak #1 (%) : [Isomer 1 : 25.0 ; 40.0]
Peak #2 (%) : [Isomer 2 : 50.0 ; 65.0]

1.5 VLEP

VLEP short term mg/m3 No data
(98/24/CE) :

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 : 131812-52-7 ; 131812-51-6 ; 131812-67-4
Nanoparticle : Not concerned

2.1 - REGULAR DATA FLAVOURS

Ionization : -
REG. 872/2012 CE Annex 1 : Not listed
Genetically Modified Organisms
(GMO) : -
Bovine Spongiform
Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2932 99 00 90
Tunnel codes ADR : E
Shelf life : 24 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.(2,4-Dimethyl-2-(1,1,4,4-tetramethyltetralin-6-yl)-1,3-dioxolane), 9, III
Maritime Transport IMDG : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Marine pollutant :
2,4-Dimethyl-2-(1,1,4,4-tetramethyltetralin-6-yl)-1,3-dioxolane), 9, III
Marine pollutant : Yes
Air Transport IATA : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S.(2,4-Dimethyl-2-(1,1,4,4-tetramethyltetralin-6-yl)-1,3-dioxolane), 9, III

OKOUMAL

LEGISLATION :

JECFA n° : Not listed
DSL (Canada) : Not listed
RIFM - ID N° : 6476
TCSI (Taiwan) : Listed
FEMA : Not listed
ISHL (Japan) : Not listed
ENCS (Japan) n° : Not listed
NEPA (China) : CB61261060 ; CB61448339 ; CB41448340
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Not listed
TSCA (Toxic Substances Control Act - USA) : Listed
IECSC (China) : Listed
FDA : Not listed
COE (Council of Europe) : Not listed
FLAVIS : Not listed
KECI : 2012-1-638
EINECS (EU) : 412-950-7
AICS (Australian Invent. Chem. Subs.) : Not listed
NDSL/LES (Canada - Non-domestic Substances List) : Listed
C.A.S : 131812-67-4 131812-51-6 131812-52-7

Labeling :



EHA1 Hazardous to the aquatic environment, acute hazard 1
EHC1 Hazardous to the aquatic environment, long-term hazard 1

H410 - Very 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.