

**PCW**

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Technical Data Sheet**KEPHALIS**

Manufacture PCW

Reference : KEPHALIS

1 - TECHNICAL DATA

<i>Ref code :</i>	KE-1
<i>I.N.C.I. :</i>	Kephalis
<i>IUPAC Name :</i>	4-(1-ethoxyethenyl)-3,3,5,5-tetramethylcyclohexan-1-one
<i>Chemical / REACH name :</i>	3,3,5,5-Tetramethyl-4-(1-ethoxyethenyl)cyclohexanone
<i>Synonyms :</i>	Enamber
<i>Molecular formula :</i>	C14 H24 O2
<i>Molecular weight :</i>	224.2
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>Origin raw material :</i>	Synthetic
<i>Solubility in alcohol (°) :</i>	Yes
<i>Water solubility :</i>	No 263 mg/l
<i>Use level max. recom. :</i>	8% max.
<i>Anti-oxydant(s) :</i>	None

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Pale to golden yellow
<i>Odour :</i>	Amber, Woody
<i>Density at 20°C :</i>	[0.942 ; 0.952]
<i>Refractive index @ 20°C :</i>	[1.472 ; 1.478]
<i>Acid Value :</i>	No data
<i>Melting point (°C) :</i>	No data
<i>Flash point (°C) (close cup) :</i>	126
<i>Boiling point (°C) :</i>	286.10 °C. @ 760.00 mm Hg (litt.)
<i>Ignition temperature :</i>	No data
<i>Peak #1 (%) :</i>	[5 ; 15]
<i>Peak #2 (%) :</i>	[73 ; 85]
<i>Somme of isomers (by G.C.) (%) :</i>	[80 ; 100]

KEPHALIS

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

CAS number : 36306-87-3

IFRA : No restrictions (50th Am.)

VOC Swiss - Annex 1 : Not listed

CMR (Reg. 1223/2009/EEC) : None

LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) : 100%

Allergens SCCNFP List : None

Reg. 1223/2009 & mod. : -

Statut kosher : Certified

Halal status : Certified

ISO 16128 : 0% of natural origin

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

4 - TRANSPORT - HANDLING - STORAGE

Shelf life : 24 months, according to storage conditions

Custom tariff : 2914 50 00 90

Tunnel codes ADR : E

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

4.1 - STORAGE

Storage : Store at 20°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.(3,3,5,5-Tetramethyl-4-(1-ethoxyethenyl)cyclohexanone), 9, III

Maritime Transport IMDG : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(3,3,5,5-Tetramethyl-4-(1-ethoxyethenyl)cyclohexanone), 9, III

Marine pollutant :

Air Transport IATA : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(3,3,5,5-Tetramethyl-4-(1-ethoxyethenyl)cyclohexanone), 9, III

KEPHALIS

LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed
DSL (Canada) : Listed
COE (Council of Europe) : Not listed
KECI : Not listed
EINECS (EU) : 252-961-2
ENCS (Japan) n° : Not listed
EPA N° : Listed
FDA : Not listed
FEMA : Not listed
FLAVIS : Not listed
JECFA n° : Not listed
PICCS (Philippines) : Not listed
TSCA (Toxic Substances Control Act - USA) : 36306-87-3
RIFM - ID N° : 934
C.A.S : 36306-87-3

Labeling :



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



H315 - Causes skin irritation.
H411 - Toxic to aquatic life with long lasting effects.

P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P332+P313 - If skin irritation occurs: 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.