

**PCW**

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Technical Data Sheet**COSMONE**

Manufacture PCW

Reference : COSMONE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	-
<i>IUPAC Name :</i>	(E/Z) 3-Methyl-5-cyclotetradecen-1-one
<i>Chemical / REACH name :</i>	Reaction mass of (5E)-3-methyl-cyclotetradec-5-enone and (5Z)-3-methyl-cyclotetradec-5-enone
<i>Synonyms :</i>	Cosmone
<i>Molecular formula :</i>	C ₁₅ H ₂₆ O
<i>Molecular weight :</i>	222.40
<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>	Not added directly
<i>Water solubility :</i>	4.6 mg/L @ 20°C
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to pale yellow
<i>Odour :</i>	Musk, powdery, amber, woody
<i>Density at 20°C :</i>	[0.932 ; 0.937]
<i>Densité à 20/4°C :</i>	[0.930 ; 0.935]
<i>Density @ 25°C :</i>	[0.929 ; 0.934]
<i>Refractive index @ 20°C :</i>	[1.485 ; 1.490]
<i>Indice de réfraction à 25°C :</i>	[1.483 ; 1.488]
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	<-50
<i>Boiling point (°C) :</i>	258
<i>Flash point (°C) (close cup) :</i>	134
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	[86.0 ; 100.0]
<i>Impurities >0.01% :</i>	-

COSMONE

Peak #1 (%) : [Isomer 1 : 60.0 ; 70.0]

Peak #2 (%) : [Isomer 2 : 20.0 ; 30.0]

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 : -

Hallal status : -

CAS number : 259854-70-1 ; 259854-71-2

2.1 - REGULAR DATA FLAVOURS

Ionization : -

Natural status (Reg. 1334/2008/EC) : -

REG. 872/2012 CE Annex 1 : Not listed

Foodgrade certificate : -

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 : E

Shelf life : 24 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.,(Methyl-cyclotetradecenone), 9, III

Maritime Transport IMDG : 3082 Environmentally hazardous substance, liquid, n.o.s.,(Methyl-cyclotetradecenone), 9, III

Marine pollutant : Yes

Air Transport IATA : 3082 Environmentally hazardous substance, liquid, n.o.s.,(Methyl-cyclotetradecenone), 9, III

COSMONE

LEGISLATION :

NEPA (China) : CB22521769
ENCS (Japan) n° : Not listed
PICCS (Philippines) : Not listed
FLAVIS : Not listed
ECL (Corée du Sud) n° : 2017-1-773
AICS (Australian Invent. Chem. Subs.) : Not listed
FEMA : Not listed
FDA : Not listed
DSL (Canada) : Not listed
ELINCS (EU) : 452-280-2
COE (Council of Europe) : Not listed
EINECS (EU) : 452-280-2
RIFM - ID N° : /
ISHL (Japan) : Not listed
NZIoC (New Zealand) : Not listed
IECSC (China) : Not listed
C.A.S : 259854-70-1 259854-71-2

Labeling :



Symbol: Xi
R43: May cause sensitization by skin contact.
Symbol: N
R50-53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
S61: Avoid release to the environment. Refer to special instructions / Safety data sheets.
S60: This material and its container must be disposed of as hazardous waste.
S24: Avoid contact with skin.