

**PCW**

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Technical Data Sheet**MUSCONE**

Manufacture PCW

Reference : MUSCONE

1 - TECHNICAL DATA

<i>IUPAC Name :</i>	3-Methylcyclopentadecan-1-one
<i>I.N.C.I. :</i>	Methylcyclopentadecanone
<i>Chemical / REACH name :</i>	Cyclopentadecanone, 3-methyl-
<i>Synonyms :</i>	Muscone
<i>Molecular formula :</i>	C16 H30 O
<i>Molecular weight :</i>	238
<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>	No
<i>Solubility in alcohol (°) :</i>	Yes
<i>Ref code :</i>	MUSC-1

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless
<i>Odour :</i>	Strong characteristic odor
<i>Density 20/20°C :</i>	[0.918 ; 0.925]
<i>Relative density @ 25°C :</i>	[0.915 ; 0.922]
<i>Refractive index @ 20°C :</i>	[1.477 ; 1.481]
<i>Indice de réfraction à 25°C :</i>	[1.475 ; 1.479]
<i>Acid Value :</i>	[0 ; 1]
<i>Melting point (°C) :</i>	-12
<i>Boiling point (°C) :</i>	322
<i>Flash point (°C) (close cup) :</i>	>100
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[95.0 ; 100.0]
<i>Impurities >0.01% :</i>	-

MUSCONE

Somme of isomers (by G.C.) (%) [96.0 ; 100.0]

:

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 (50th Am.)

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

Statut kosher : Certified

Halal status : Certified

CAS number : 541-91-3

2.1 - REGULAR DATA FLAVOURS

Ionization : -

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

REG. 872/2012 CE Annex 1 : Not listed

Foodgrade certificate : Not certified

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 : /

Shelf life : 18 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 : NR Not regulated for transport

Maritime Transport IMDG : NR Not regulated for transport

Marine pollutant :

Air Transport IATA : NR Not regulated for transport

MUSCONE

LEGISLATION :

IECSC (China) : Listed
ISHL (Japan) : Listed
FLAVIS : 07.111
FEMA : 3434
NZIoC (New Zealand) : Listed
ENCS (Japan) n° : Listed
NEPA (China) : CB1378768
JECFA n° : 1402
EINECS (EU) : 208-795-8
KECI : KE-23723
COE (Council of Europe) : 11135
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
PICCS (Philippines) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
RIFM - ID N° : 867
C.A.S : 541-91-3

Labeling :

H000 - Not classified according to the Regulation 1272/2008/EC