

**PCW**

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Technical Data Sheet**ISO MYRCETONE**

Manufacture PCW

Reference : ISO MYRCETONE

1 - TECHNICAL DATA

<i>Ref code :</i>	HAM-1
<i>IUPAC Name :</i>	1-(2,3,8,8-tetramethyl-1,3,4,5,6,7-hexahydronaphthalen-2-yl)ethanone
<i>I.N.C.I. :</i>	Tetramethyl acetyl octahydronaphthalenes
<i>Chemical / REACH name :</i>	Reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one
<i>Synonyms :</i>	Iso e super ; Iso Myrcetone ; OTNE ; amber fleur ; patchouli ethanone
<i>Molecular formula :</i>	C ₁₆ H ₂₆ O
<i>Molecular weight :</i>	234.28
<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>	-
<i>Solubility in alcohol (°) :</i>	1 in 4 of 70 % alcohol
<i>Water solubility :</i>	No
<i>Chimic Class :</i>	Aromatic ketone

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Oily liquid
<i>Color :</i>	Colourless to clear yellow
<i>Odour :</i>	Woody, floral, ambregris
<i>Relative density 20°C :</i>	[0.961 ; 0.971]
<i>Relative density @ 25°C :</i>	[0.958 ; 0.968]
<i>Refractive index @ 20°C :</i>	[1.497 ; 1.502]
<i>Indice de réfraction à 25°C :</i>	[1.495 ; 1.500]
<i>Acid Value :</i>	[0.0 ; 1.0]
<i>Viscosity :</i>	32.61 mPas @ 20°C
<i>Flash point (°C) (close cup) :</i>	134
<i>Melting point (°C) :</i>	-20
<i>Boiling point (°C) :</i>	290.4

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Ignition temperature :	-
pH-value :	Neutre
Peak #1 (%) :	[Ketone A : 3.0 ; 6.0]
Peak #2 (%) :	[Ketone B (beta isomer) : 57.0 ; 62.0]
Peak #3 (%) :	[Ketone D (beta isomer) : 10.0 ; 20.0]
Peak #4 (%) :	[Ketone H (beta isomer) : 10.0 ; 14.0]
Somme of isomers (by G.C.) (%) :	(A+B+D+H) : 90.0 - 100 %
Purity (%) :	[90 ; 100]
Impurities >0.01% :	Heavy metal (Iron) 0.4ppm

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

Statut kosher :	Certified
Halal status :	In compliance with the religious concepts
CAS number :	54464-57-2
Reg. 1223/2009 & mod. :	See certificate
Allergens SCCNFP List :	See certificate
IFRA :	Restricted (50th Am.)
CMR (Reg. 1223/2009/EEC) :	See certificate
VOC Swiss - Annex 1 :	Not listed
LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) :	100%
Nanoparticle :	Not concerned
ISO 16128 :	The Natural Origin Index is: Ino= 0.75.

2.1 - REGULAR DATA FLAVOURS

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
REG. 872/2012 CE Annex 1 :	Not listed
Ionization :	Not submitted to a processing of ionization
Vegan :	Oui

4 - TRANSPORT - HANDLING - STORAGE

Shelf life :	24 months, according to storage conditions
Precautions of use :	Avoid any direct contact with the product.
Custom tariff :	2914 29 00 90
Tunnel codes ADR :	E

4.1 - STORAGE

Storage :	Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.
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Transport :

Land Transport ADR/RID :	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Tetramethyl acetyl octahydronaphthalenes), 9, III
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Maritime Transport IMDG :	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Tetramethyl acetyl octahydronaphthalenes), 9, III
Marine pollutant :	Yes
Air Transport IATA :	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Tetramethyl acetyl octahydronaphthalenes), 9, III

LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed
DSL (Canada) : Listed
COE (Council of Europe) : Not listed
KECI : KE-26601
EINECS (EU) : 915-730-3 ; 259-174-3
ENCS (Japan) n° : N.R.
EPA N° : Listed
FDA : Not listed
FEMA : Not listed
FLAVIS : Not listed
JECFA n° : Not listed
NEPA (China) : CB4222314
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
N° REACH UK : UK-01-7255089205-2-xxxx
RIFM - ID N° : 1307
TSCA (Toxic Substances Control Act - USA) : Listed
C.A.S : 54464-57-2

Labeling :



EHC2 Hazardous to the aquatic environment, long-term hazard 2
SCI2 Skin corrosion / irritation 2
SS1 Sensitisation skin 1



H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H411 - Toxic to aquatic life with long lasting effects.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P333+P313 - If skin irritation or rash 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.