

**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**METHYL HEPTENONE**

Manufacture PCW

Reference : METHYL HEPTENONE

1 - TECHNICAL DATA

<i>Ref code :</i>	MHEP-1
<i>I.N.C.I. :</i>	6-methyl-5-hepten-2-one
<i>IUPAC Name :</i>	6-methylhept-5-en-2-one
<i>Chemical / REACH name :</i>	6-methylhept-5-en-2-one
<i>Synonyms :</i>	-
<i>Molecular formula :</i>	C8 H14 O
<i>Molecular weight :</i>	126.20 g/mol
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<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>	Fresh, green, fruity, fatty smell
<i>Density at 20°C :</i>	[0.850 ; 0.854]
<i>Refractive index @ 20°C :</i>	[1.438 ; 1.442]
<i>Acid Value :</i>	-
<i>Flash point (°C) (close cup) :</i>	50
<i>Boiling point (°C) :</i>	174
<i>Melting point (°C) :</i>	-67
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[98.0 ; 100.0]
<i>Impurities >0.01% :</i>	-
<i>Relative density @ 25°C :</i>	[0.847 ; 0.851]
<i>Densité à 20/4°C :</i>	[0.848 ; 0.852]
<i>Refractive index at 25°C :</i>	[1.436 ; 1.440]

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1.2 - ANALYTICAL DATA SPECIFIC

Lead (Pb) :	<10 mg/kg
Cadmium (Cd) :	<1 mg/kg
Arsenic (As) :	<3 mg/kg
Mercury (Hg) :	<1 mg/kg

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
Low VOC (CARB) :	100%
IFRA :	No restrictions (50th Am.)
Reg. 1223/2009 & mod. :	See certificate
Allergens SCCNFP List :	See certificate
CMR (Reg. 1223/2009/EEC) :	See certificate
Halal status :	In compliance with the religious concepts
Statut kosher :	Certified
CAS number :	110-93-0
Animal testing :	-
Nanoparticle :	-
ISO 9235 :	Not concerned
ISO 16128 :	100 % non-natural ingredients

2.1 - REGULAR DATA FLAVOURS

REG. 872/2012 CE Annex 1 :	Listed
Natural status (Reg. 1334/2008/EC) :	Flavouring substance
Foodgrade certificate :	Certified
Ionization :	-
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
Vegan :	-
Food allergens (Reg. 1169/2011/EC) :	-

4 - TRANSPORT - HANDLING - STORAGE

Tunnel codes ADR :	D/E
Precautions of use :	Avoid any direct contact with the product.
Shelf life :	24 months, according to storage conditions
Custom tariff :	2914 19 90 90

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 :	1224 KETONES, LIQUID, N.O.S.(6-methylhept-5-ène-2-one), 3, III
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METHYL HEPTENONE

Maritime Transport IMDG : 1224 KETONES, LIQUID, N.O.S.(6-methylhept-5-ène-2-one), 3, III
Marine pollutant : No
Air Transport IATA : 1224 KETONES, LIQUID, N.O.S.(6-methylhept-5-ène-2-one), 3, III

LEGISLATION :

RIFM - ID N° : 303
COE (Council of Europe) : 149
JECFA n° : 1120
NEPA (China) : CB4729000
EINECS (EU) : 203-816-7
NZIoC (New Zealand) : Exempt
TCSI (Taiwan) : Listed
KECI : KE-24196
ISHL (Japan) : (2)-2480
ENCS (Japan) n° : (2)-2480
IECSC (China) : Listed
PICCS (Philippines) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
FLAVIS : 07.015
FDA : 172.515
FEMA : 2707
C.A.S : 110-93-0

Labeling :



FL3 Flammable Liquids 3

H226 - Flammable liquid and vapour.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240+P241 - Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/.../equipment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.