

**PCW**

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Technical Data Sheet**PHENYL HEXANAL**

Manufacture PCW

Reference : PHENYL HEXANAL

1 - TECHNICAL DATA

<i>Chemical / REACH name :</i>	3-methyl-5-phenyl-1-pentanal
<i>Synonyms :</i>	Lily pentanal ; Citralis ; Phenyl Hexanal ; Benzenepentanal
<i>Molecular formula :</i>	C ₁₂ H ₁₆ O
<i>Molecular weight :</i>	176,20
<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>	None
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes
<i>I.N.C.I. :</i>	Phenylmethylpentanal
<i>IUPAC Name :</i>	3-methyl-5-phenylpentan-1-al
<i>Solvent(s) :</i>	Benzaldehyde 0.005%

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless
<i>Odour :</i>	Aldehydic, orange-like, citrus-like, earthy
<i>Density at 20°C :</i>	[0.959 ; 0.967]
<i>Refractive index @ 20°C :</i>	[1.5030 ; 1.5090]
<i>Acid Value :</i>	[0 ; 5,0 mgKOH/g]
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	254
<i>Flash point (°C) (close cup) :</i>	94
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	[95.0 ; 100.0]
<i>Impurities >0.01% :</i>	-

1.5 VLEP

PHENYL HEXANAL

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 : See certificate - Raw material not regulated as such but contains indirect substances included within the IFRA Standards (49th Am.).

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

Statut kosher : Certified

Hallal status : In compliance with the religious concepts

CAS number : 55066-49-4

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 : 2912 29 00 90

Tunnel codes ADR : D

Shelf life : 5 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., 9, III

Maritime Transport IMDG : 3082 Environmentally hazardous substance, liquid, n.o.s., 9, III

Marine pollutant :

Air Transport IATA : 3082 Environmentally hazardous substance, liquid, n.o.s., 9, III

PHENYL HEXANAL

LEGISLATION :

ECSI (Taiwan) : Listed
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
EINECS (EU) : 433-900-0
ECL (Corée du Sud) n° : 2009-3-4164
NZIoC (New Zealand) : Listed
RIFM - ID N° : 6307
C.A.S : 55066-49-4