

**PCW**

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Technical Data Sheet**C07 HEPTYL ALDEHYDE - ALDC07/1**

Manufacture PCW

Reference : C07 HEPTYL ALDEHYDE - ALDC07/1

1 - TECHNICAL DATA

<i>Chemical / REACH name :</i>	Heptanal
<i>Synonyms :</i>	Aldehyde C-7
<i>Molecular formula :</i>	C7 H14 O
<i>Molecular weight :</i>	114,18
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-
<i>Anti-oxydant(s) :</i>	May contain BHT 0.02%
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes
<i>I.N.C.I. :</i>	Heptanal
<i>IUPAC Name :</i>	Heptanal

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to pale yellow
<i>Odour :</i>	Aldehydic, fresh, green, fat
<i>Density at 20°C :</i>	[0.810 ; 0.845]
<i>Refractive index @ 20°C :</i>	[1.400 ; 1.430]
<i>Acid Value :</i>	[0 ; 10.0 mgKOH/g]
<i>Melting point (°C) :</i>	43
<i>Boiling point (°C) :</i>	152
<i>Flash point (°C) (close cup) :</i>	35
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[95.0 ; 100.0]
<i>Impurities >0.01% :</i>	-

1.5 VLEP

<i>VLEP short term mg/m3 (98/24/CE) :</i>	No data
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C07 HEPTYL ALDEHYDE - ALDC07/1

VLEP (8h) mg/m3 (98/24/CE) : No data

2 - COSMETIC REGULAR DATA

VOC Swiss - Annex 1 : Not listed
COV medium (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
Hallal status : -
CAS number : 111-71-7
Nanoparticle : Not concerned

2.1 - REGULAR DATA FLAVOURS

Ionization : -
Natural status (Reg. 1334/2008/EC) : Flavouring substance
REG. 872/2012 CE Annex 1 : Listed
Foodgrade certificate : Complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC
Genetically Modified Organisms (GMO) : -
Bovine Spongiform Encephalopathy (BSE) : -
Food allergens (Reg. 1169/2011/EC) : None

4 - TRANSPORT - HANDLING - STORAGE

Tunnel codes ADR : D/E
Shelf life : 12 months, according to storage conditions
Precautions of use : Avoid any direct contact with the product.

4.1 - STORAGE

Storage : Store in cool place (10°C max.), in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

Transport :

Land Transport ADR/RID : 3056 n-HEPTALDEHYDE, 3, III
Maritime Transport IMDG : 3056 n-HEPTALDEHYDE, 3, III
Marine pollutant :
Air Transport IATA : 3056 n-HEPTALDEHYDE, 3, III

C07 HEPTYL ALDEHYDE - ALDC07/1

LEGISLATION :

EINECS (EU) : 203-898-4
FLAVIS : 05.031
COE (Council of Europe) : 117
JECFA n° : 95
FEMA : 2540
FDA : 172.515
IECSC (China) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
NZIoC (New Zealand) : Listed
ECSI (Taiwan) : Listed
PICCS (Philippines) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
DSL (Canada) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
ECL (Corée du Sud) n° : KE-18269
ENCS (Japan) n° : (2)-494
ISHL (Japan) : Not listed
NEPA (China) : CB2451916
RIFM - ID N° : 488
C.A.S : 111-71-7

Labeling :



EHC3 Hazardous to the aquatic environment, long-term hazard 3
FL3 Flammable Liquids 3
SCl2 Skin corrosion / irritation 2



H226 - Flammable liquid and vapour.
H315 - Causes skin irritation.
H412 - Harmful to aquatic life with long lasting effects.

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].

P332+P313 - If skin irritation 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.