

**PCW**

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Technical Data Sheet**C09 NONYL ALDEHYDE**

Manufacture PCW

Reference : C09 NONYL ALDEHYDE

1 - TECHNICAL DATA

<i>Chemical / REACH name :</i>	Nonanal
<i>Synonyms :</i>	Aldehyde C9 ; Nonanoic aldehyde ; Nonoic aldehyde ; Pelargonic aldehyde
<i>Molecular formula :</i>	C9 H18 O
<i>Molecular weight :</i>	142.2
<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>	0.1% a-tocopherol
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes
<i>I.N.C.I. :</i>	Nonanal
<i>IUPAC Name :</i>	Nonanal

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to pale yellow
<i>Odour :</i>	Aldehyde, smell of fat, floral, citrus
<i>Density at 20°C :</i>	[0.824 ; 0.828]
<i>Refractive index @ 20°C :</i>	[1.422 ; 1.426]
<i>Acid Value :</i>	[0 ; 5.0 mgKOH/g]
<i>Melting point (°C) :</i>	-19
<i>Boiling point (°C) :</i>	194
<i>Flash point (°C) (close cup) :</i>	76
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[97.0 ; 100.0]
<i>Impurities >0.01% :</i>	-
<i>Refractive index at 25°C :</i>	[1.420 ; 1.424]
<i>Densité à 20/4°C :</i>	[0.822 ; 0.826]
<i>Relative density @ 25°C :</i>	[0.821 ; 0.825]

C09 NONYL ALDEHYDE

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%

Reg. 1223/2009 & mod. : See certificate

Allergens SCCNFP List : See certificate

IFRA : No restrictions (49th Am.)

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

Statut kosher : Certified

Hallal status : In compliance with the religious concepts

CAS number : 124-19-6

2.1 - REGULAR DATA FLAVOURS

Ionization : -

Natural status (Reg. 1334/2008/EC) : Flavouring substance

REG. 872/2012 CE Annex 1 : Listed

Foodgrade certificate : 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 19 00 90

Tunnel codes ADR : /

Shelf life : 12 months, according to storage conditions

Precautions of use : -

4.1 - STORAGE

Storage : Industrial : Keep under Nitrogen, in ambient temperature (max 18°C). Avoid prolonged exposure to light, humidity 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

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LEGISLATION :

NEPA (China) : CB2667328
ISHL (Japan) : Not listed
ENCS (Japan) n° : (2)-494
ECL (Corée du Sud) n° : KE-26088
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
PICCS (Philippines) : Listed
ECSI (Taiwan) : Listed
NZIoC (New Zealand) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
IECSC (China) : Listed
COE (Council of Europe) : 114
EINECS (EU) : 204-688-5
FLAVIS : 5.025
FDA : 172.515
FEMA : 2782
JECFA n° : 101
RIFM - ID N° : 209
C.A.S : 124-19-6

Labeling :

EHC3 Hazardous to the aquatic environment, long-term hazard 3

H412 - Harmful to aquatic life with long lasting effects.

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