

**PCW**

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Technical Data Sheet**C08 OCTYL ALDEHYDE**

Manufacture PCW

Reference : C08 OCTYL ALDEHYDE

1 - TECHNICAL DATA

<i>Ref code :</i>	AC8-1
<i>I.N.C.I. :</i>	Octanal
<i>IUPAC Name :</i>	Octanal
<i>Chemical / REACH name :</i>	Octanal
<i>Synonyms :</i>	Caprylic aldehyde ; octyl aldehyde
<i>Molecular formula :</i>	C8 H16 O
<i>Molecular weight :</i>	128.2
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Anti-oxydant(s) :</i>	Alpha-tocopherol (0.1% max)
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless
<i>Odour :</i>	Aldehyde, green
<i>Relative density @ 25°C :</i>	[0.816 ; 0.826]
<i>Refractive index @ 20°C :</i>	[1.417 ; 1.424]
<i>Acid Value :</i>	[0 ; 5]
<i>Flash point (°C) (close cup) :</i>	52
<i>Boiling point (°C) :</i>	163
<i>Melting point (°C) :</i>	-
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[98 ; 100]
<i>Impurities >0.01% :</i>	-

1.5 VLEP

<i>VLEP short term mg/m3 (98/24/CE) :</i>	No data
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VLEP (8h) mg/m3 (98/24/CE) : No data

2 - COSMETIC REGULAR DATA

VOC Swiss - Annex 1 : No data

COV medium (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 : Certified

Statut kosher : Certified

CAS number : 124-13-0

Animal testing : -

Nanoparticle : -

ISO 9235 : -

ISO 16128 : -

2.1 - REGULAR DATA FLAVOURS

REG. 872/2012 CE Annex 1 : Listed

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

Foodgrade certificate : Complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC

Ionization : -

Genetically Modified Organisms (GMO) : Does not result / does not contain GMO

Bovine Spongiform Encephalopathy (BSE) : -

Vegan : Yes

Food allergens (Reg. 1169/2011/EC) : None

4 - TRANSPORT - HANDLING - STORAGE

Tunnel codes ADR : D/E

Precautions of use : Avoid any direct contact with the product.

Shelf life : 12 months, according to storage conditions

Custom tariff : 2912 19 00 90

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 : 1191 OCTYL ALDEHYDES, 3, III

Maritime Transport IMDG : 1191 OCTYL ALDEHYDES, 3, III

Marine pollutant : Yes

Air Transport IATA : 1191 OCTYL ALDEHYDES, 3, III

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LEGISLATION :

IECSC (China) : Listed
TCSI (Taiwan) : Listed
ISHL (Japan) : (2)-494
ENCS (Japan) n° : (2)-494
KECI : KE-26609
TSCA (Toxic Substances Control Act - USA) : Listed
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
DSL (Canada) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
NEPA (China) : CB0225180
JECFA n° : 98
FDA : 172.515
FEMA : 2797
FLAVIS : 05.009
COE (Council of Europe) : 97
EINECS (EU) : 204-683-8
RIFM - ID N° : 208
C.A.S : 124-13-0

Labeling :



ED12 Serious eye damage / eye irritation 2
EHC3 Hazardous to the aquatic environment, long-term hazard 3
FL3 Flammable Liquids 3
SC12 Skin corrosion / irritation 2

H226 - Flammable liquid and vapour.
H315 - Causes skin irritation.
H319 - Causes serious eye 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.
P233 - Keep container tightly closed.
P240+P241 - Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/.../equipment.
P264 - Wash hands thoroughly after handling.
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].
P337+P313 - If eye irritation persists: 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.