

**PCW**

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Technical Data Sheet**C11 UNDECYLENIC ALDEHYDE**

Manufacture PCW

Reference : C11 UNDECYLENIC ALDEHYDE

1 - TECHNICAL DATA

<i>Ref code :</i>	ALDC11-1
<i>I.N.C.I. :</i>	Undecylenal
<i>IUPAC Name :</i>	Undec-10-enal
<i>Chemical / REACH name :</i>	Undec-10-enal
<i>Synonyms :</i>	Hendecenal ; undecylenic aldehyde
<i>Molecular formula :</i>	C11 H20 O
<i>Molecular weight :</i>	168.278
<i>Origin raw material :</i>	Synthetic
<i>Origine géographique :</i>	-
<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>	A-tocopherol (0.05%)
<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>	Citrus, fresh, floral, ozonic
<i>Relative density @ 25°C :</i>	[0.840 ; 0.846]
<i>Refractive index @ 20°C :</i>	[1.441 ; 1.446]
<i>Acid Value :</i>	[0 ; 2.0 mgKOH/g]
<i>Melting point (°C) :</i>	< -16.6
<i>Boiling point (°C) :</i>	170
<i>Flash point (°C) (close cup) :</i>	72
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[97 ; 100]
<i>Impurities >0.01% :</i>	-

1.5 VLEP

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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 : No restrictions (50th Am.)

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

Statut kosher : Certified

Halal status : -

CAS number : 112-45-8

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) : Does not result / does not contain GMO

Bovine Spongiform Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2912 19 00 90

Tunnel codes ADR : 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 (2°C-8°C), 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 : Yes

Air Transport IATA : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III

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LEGISLATION :

NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
JECFA n° : 330
ISHL (Japan) : Listed
IECSC (China) : Listed
FLAVIS : 05.035
FEMA : 3095
FDA : 172.515
ENCS (Japan) n° : (2)-2464
EINECS (EU) : 203-973-1
TCSI (Taiwan) : Listed
KECI : KE-35080
COE (Council of Europe) : 122
NEPA (China) : CB9190322
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
RIFM - ID N° : 153
TSCA (Toxic Substances Control Act - USA) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
C.A.S : 112-45-8

Labeling :



EHC2 Hazardous to the aquatic environment, long-term hazard 2
SCI2 Skin corrosion / irritation 2



H315 - Causes skin irritation.
H411 - Toxic to aquatic life with long lasting effects.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P321 - Specific treatment (see ... on this label).
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.