

**PCW**

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Technical Data Sheet**C110 UNDECYLIC ALDEHYDE**

Manufacture PCW

Reference : C110 UNDECYLIC ALDEHYDE

1 - TECHNICAL DATA

Chemical / REACH name : Undecanal
Synonyms : Undecylaldehyde ; Arachonyl aldehyde
Molecular formula : C11 H22 O
Molecular weight : 170.30
Origin raw material : 100% Synthetic (Petrochemical / Mineral)
Use of the substance / mixture : Industrial use only
End use : Fragrances / Cosmetic / Flavours
Use level max. recom. : -
Anti-oxydant(s) : None
Water solubility : No
Solubility in alcohol (°) : Yes
I.N.C.I. : Undecanal
IUPAC Name : 1-undecanal

1.1 - ANALYTICAL DATA

Appearance : Liquid
Color : Colorless
Odour : Waxy-floral
Density at 20°C : [0.825 ; 0.835]
Refractive index @ 20°C : [1.429 ; 1.435]
Acid Value : [0 ; 10 mgKOH/g]
Melting point (°C) : -
Boiling point (°C) : 223
Flash point (°C) (close cup) : 97
Ignition temperature : -
Somme of isomers (by G.C.) (%) : [97 ; 100]
Impurities >0.01% : -

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 (49th Am.)

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

Statut kosher : -

Hallal status : -

CAS number : 112-44-7

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) : -

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2912 19 00 10

Tunnel codes ADR : /

Shelf life : 12 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 : 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 :

TSCA (Toxic Substances Control Act - USA) : Listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
ECSI (Taiwan) : Listed
IECSC (China) : Listed
ENCS (Japan) n° : (2)-494
JECFA n° : 107
COE (Council of Europe) : 121
FDA : 172.515
EINECS (EU) : 203-972-6
FEMA : 3092
ECL (Corée du Sud) n° : KE-35050
RIFM - ID N° : 224
FLAVIS : 05.034
C.A.S : 112-44-7

Labeling :



SC12 Skin corrosion / irritation 2

H315 - Causes skin irritation.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P332+P313 - If skin irritation occurs: Get medical advice/attention.