

**PCW**

45 Boulevard Marcel PAGNOL

06130 GRASSE - FRANCE

Tel : +33 (0)4 92 42 35 00 Fax: +33 (0)4 92 42 35 19

Site : www.pcwfrance.com Mail : info@pcwfrance.com

Technical Data Sheet**C12 MNA ALDEHYDE**

Manufacture PCW

Reference : C12 MNA ALDEHYDE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Methylundecanal
<i>IUPAC Name :</i>	2-methylundecanal
<i>Chemical / REACH name :</i>	2-methylundecanal
<i>Synonyms :</i>	Aldehyde C12 MNA ; Methyl nonyl acetaldehyde
<i>Molecular formula :</i>	C12 H24 O
<i>Molecular weight :</i>	184.3
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>Use level max. recom. :</i>	-
<i>Anti-oxydant(s) :</i>	None
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid, crystallizing by lowering the temperature
<i>Color :</i>	Colorless
<i>Odour :</i>	Amber, fresh, orange
<i>Density at 20°C :</i>	[0.816 ; 0.836]
<i>Refractive index @ 20°C :</i>	[1.422 ; 1.442]
<i>Acid Value :</i>	[0 ; 10.0 mgKOH/g]
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	233
<i>Flash point (°C) (close cup) :</i>	90
<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
---	---------

C12 MNA ALDEHYDE

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 : -
CAS number : 110-41-8

2.1 - REGULAR DATA FLAVOURS

Ionization : -
Natural status (Reg. 1334/2008/EC) : Flavouring substance
REG. 872/2012 CE Annex 1 : Listed
Foodgrade certificate : -
Genetically Modified Organisms (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 at 25°C max. 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.,(2-methylundecanal), 9, III
Maritime Transport IMDG : 3082 Environmentally hazardous substance, liquid, n.o.s.,(2-methylundecanal), 9, III
Marine pollutant : Yes
Air Transport IATA : 3082 Environmentally hazardous substance, liquid, n.o.s.,(2-methylundecanal), 9, III

C12 MNA ALDEHYDE

LEGISLATION :

NEPA (China) : CB3113392
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
DSL (Canada) : Listed
ISHL (Japan) : Not listed
ENCS (Japan) n° : Not listed
TSCA (Toxic Substances Control Act - USA) : Listed
IECSC (China) : Listed
JECFA n° : 275
FDA : 172.515
ECL (Corée du Sud) n° : KE25399
COE (Council of Europe) : 2010
ECIS (Taiwan) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
FLAVIS : 05.077
AICS (Australian Invent. Chem. Subs.) : Listed
RIFM - ID N° : 225
FEMA : 2749
EINECS (EU) : 203-765-0
C.A.S : 110-41-8

Labeling :



EHA1 Hazardous to the aquatic environment, acute hazard 1
EHC1 Hazardous to the aquatic environment, long-term hazard 1



SCl2 Skin corrosion / irritation 2
SS1B Sensitisation, skin 1B

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H410 - Very toxic to aquatic life with long lasting effects.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P272+P363 - Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

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

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

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

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