

**PCW**

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Technical Data Sheet**MANDARINE ALDEHYDE (10%CE)**

Manufacture PCW

Reference : MANDARINE ALDEHYDE (10%CE)

1 - TECHNICAL DATA

<i>IUPAC Name :</i>	Dodec-2-enal
<i>I.N.C.I. :</i>	-
<i>Chemical / REACH name :</i>	2-Dodecenal, (E)-
<i>Synonyms :</i>	(E)-dodec-2-en-1-al, Dodec-2(trans)-enal
<i>Molecular formula :</i>	C ₁₂ H ₂₂ O
<i>Molecular weight :</i>	182
<i>Use of the substance / mixture :</i>	Industrial use only
<i>Water solubility :</i>	No
<i>Additive(s) :</i>	-
<i>Anti-oxydant(s) :</i>	0.1% BHT
<i>Origin raw material :</i>	Synthetic
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-
<i>Solubility in alcohol (°) :</i>	No

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless
<i>Odour :</i>	Citrus, aldehydic, mandarin, coriander
<i>Density 20/20°C :</i>	[1.098 ; 1.108]
<i>Refractive index @ 20°C :</i>	[1.441 ; 1.445]
<i>Acid Value :</i>	[0.0 ; 2.0]
<i>Flash point (°C) (close cup) :</i>	>100
<i>Boiling point (°C) :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	-
<i>Melting point (°C) :</i>	-
<i>Ignition temperature :</i>	-
<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

Statut kosher : Certified

Hallal status : Certified

CAS number : 20407-84-5

Allergens SCCNFP List : See certificate

IFRA : No restrictions (49th Am.)

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

VOC Swiss - Annex 1 : Non listé

LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) : 100%

Reg. 1223/2009 & mod. : See certificate

2.1 - REGULAR DATA FLAVOURS

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

REG. 872/2012 CE Annex 1 : Listed

Ionization : -

Foodgrade certificate : -

Genetically Modified Organisms (GMO) : -

Bovine Spongiform Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Shelf life : 6 months, according to storage conditions

Tunnel codes ADR : E

Custom tariff : 2912 19 00 00

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., 9, III

Maritime Transport IMDG : 3082 Environmentally hazardous substance, liquid, n.o.s., 9, III

Marine pollutant :

Air Transport IATA : 3082 Environmentally hazardous substance, liquid, n.o.s., 9, III

MANDARINE ALDEHYDE (10%CE)

LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed
ECL (Corée du Sud) n° : 2014-1-722
EINECS (EU) : 243-797-2
ENCS (Japan) n° : Listed
FEMA : 2402
FLAVIS : 05.144
IECSC (China) : Listed
ISHL (Japan) : Listed
JECFA n° : 1350
DSL (Canada) : Listed
NEPA (China) : CB8360526
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
RIFM - ID N° : 5885
TSCA (Toxic Substances Control Act - USA) : Listed
C.A.S : 20407-84-5

Labeling :



ED12 Serious eye damage / eye irritation 2
EHC2 Hazardous to the aquatic environment, long-term hazard 2
SC12 Skin corrosion / irritation 2
SS1 Sensitisation skin 1



H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H411 - Toxic to aquatic life with long lasting effects.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.

12/08/2011 IFRA46
17/07/2013 V2 impuretés