

**PCW**

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Technical Data Sheet**TRANS 2 HEXENAL**

Manufacture PCW

Reference : TRANS 2 HEXENAL

1 - TECHNICAL DATA

<i>IUPAC Name :</i>	Trans-2-Hexenal
<i>Chemical / REACH name :</i>	Trans-Hex-2-enal
<i>I.N.C.I. :</i>	Trans-Hex-2-enal
<i>Synonyms :</i>	leaf aldehyde
<i>Molecular formula :</i>	C ₆ H ₁₀ O
<i>Molecular weight :</i>	98.14
<i>Use of the substance / mixture :</i>	Industrial use only
<i>Anti-oxydant(s) :</i>	-
<i>Solubility in alcohol (°) :</i>	Yes
<i>Water solubility :</i>	Slightly soluble
<i>Origin raw material :</i>	Synthetic
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless to pale yellow
<i>Odour :</i>	Green grassy, herbaceous, fruity ester
<i>Relative density 20°C :</i>	[0.842 ; 0.850]
<i>Refractive index @ 20°C :</i>	[1.445 ; 1.449]
<i>Acid Value :</i>	[0 ; 10 mgKOH/g]
<i>Boiling point (°C) :</i>	159 @1013 hPa
<i>Flash point (°C) (close cup) :</i>	35
<i>Purity (%) :</i>	[99 ; 100]
<i>Melting point (°C) :</i>	-
<i>Ignition temperature :</i>	-
<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

Statut kosher : Certified
Hallal status : In compliance with the religious concepts
CAS number : 6728-26-3
Allergens SCCNFP List : See certificate
IFRA : Restricted (49th Am.)
VOC Swiss - Annex 1 : Not listed
COV medium (CARB) : 100%
Reg. 1223/2009 & mod. : See certificate
CMR (Reg. 1223/2009/EEC) : See certificate

2.1 - REGULAR DATA FLAVOURS

Genetically Modified Organisms (GMO) : No
Food allergens (Reg. 1169/2011/EC) : See certificate
Natural status (Reg. 1334/2008/EC) : Flavouring substance
Ionization : -
REG. 872/2012 CE Annex 1 : Listed
Foodgrade certificate : Complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC
Bovine Spongiform Encephalopathy (BSE) : Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process

4 - TRANSPORT - HANDLING - STORAGE

Shelf life : 12 months, according to storage conditions
Tunnel codes ADR : D / E
Custom tariff : 2912 19 90 00
Precautions of use : Avoid any direct contact with the product.

4.1 - STORAGE

Storage : Keep under Nitrogen, at cool temperature (max 20°C). Avoid prolonged exposure to light, humidity and air.

Transport :

Land Transport ADR/RID : 1988 ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.(trans-2-Hexenal), 3 (6.1), III
Maritime Transport IMDG : 1988 ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.(trans-2-Hexenal), 3 (6.1), III
Marine pollutant : Yes
Air Transport IATA : 1988 ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.(trans-2-Hexenal), 3 (6.1), III

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LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed
COE (Council of Europe) : 748
ECL (Corée du Sud) n° : KE-19843
ECSI (Taiwan) : Listed
EINECS (EU) : 229-778-1
ENCS (Japan) n° : 2-520
FDA : Not listed
FEMA : 2560
FLAVIS : 05.073
IECSC (China) : Listed
ISHL (Japan) : Not listed
JECFA n° : 1353
DSL (Canada) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
NEPA (China) : CB2164584
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
RIFM - ID N° : 452
TSCA (Toxic Substances Control Act - USA) : Listed
C.A.S : 6728-26-3

Labeling :



Symbol: F
R10:Flammable.
Symbol: Xn



R43:May cause sensitization by skin contact.
R21/22:Harmful in contact with skin and if swallowed.
Symbol: N



R51-53:Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
S61:Avoid release to the environment. Refer to special instructions / Safety data sheets.
S36/37:Wear suitable protective clothing and gloves.
S24:Avoid contact with skin.
S16:Keep away from sources of ignition - No smoking.