

**PCW**

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Technical Data Sheet**TRANS 2 CIS 6 NONADIENAL**

Manufacture PCW

Reference : TRANS 2 CIS 6 NONADIENAL

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Nonadienal
<i>IUPAC Name :</i>	(2E,6Z)-Nona-2,6-dienal
<i>Chemical / REACH name :</i>	(2E,6Z)-Nona-2,6-dienal
<i>Synonyms :</i>	Nona-2-trans-6-cis-dienal
<i>Molecular formula :</i>	C ₉ H ₁₄ O
<i>Molecular weight :</i>	138,20
<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>	α-tocopherol 0.1%
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to clear yellow
<i>Odour :</i>	Green, powerful, fruity
<i>Density at 20°C :</i>	[0.870 ; 0.875]
<i>Refractive index @ 20°C :</i>	[1.470 ; 1.475]
<i>Acid Value :</i>	[0 ; 5 mgKOH/g]
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	77
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	95% min
<i>Impurities >0.01% :</i>	Toluene 0.005%
<i>Peak #1 (%) :</i>	Isomere 1 : 10.0
<i>Peak #2 (%) :</i>	Isomere 2 : 90.0

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

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 : In compliance with the religious concepts

CAS number : 557-48-2

2.1 - REGULAR DATA FLAVOURS

Ionization : -

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) : Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2912 19 00 00

Tunnel codes ADR : /

Shelf life : 6 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 : 3334 Aviation regulated liquid, n.o.s. ((2,6-Nonadienal)), 9, III

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LEGISLATION :

DSL (Canada) : Listed
EINECS (EU) : 209-178-6
TSCA (Toxic Substances Control Act - USA) : Listed
IECSC (China) : Listed
JECFA n° : 1186
FLAVIS : 05.058
COE (Council of Europe) : 659
FEMA : 3377
RIFM - ID N° : 727
ECSI (Taiwan) : Not listed
NEPA (China) : CB1388620
FDA : Listed
ECL (Corée du Sud) n° : KE-26067
ISHL (Japan) : Not listed
AICS (Australian Invent. Chem. Subs.) : Listed
ENCS (Japan) n° : Not listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
NZIoC (New Zealand) : Listed
C.A.S : 557-48-2