

**PCW**

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Technical Data Sheet**CIS-6-NONENAL**

Manufacture PCW

Reference : CIS-6-NONENAL

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Cis-6-non-6-enal
<i>IUPAC Name :</i>	(Z)-Non-6-enal
<i>Chemical / REACH name :</i>	(Z)-non-6-enal
<i>Synonyms :</i>	-
<i>Molecular formula :</i>	C ₉ H ₁₆ O
<i>Molecular weight :</i>	140.22
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-
<i>Anti-oxydant(s) :</i>	0.5% α-Tocopherol
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes
<i>Ref code :</i>	C6NAL-1

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless to pale yellow
<i>Odour :</i>	Cucumber, melon
<i>Density @ 25°C :</i>	[0.842 ; 0.852]
<i>Refractive index @ 20°C :</i>	[1.439 ; 1.445]
<i>Acid Value :</i>	[0 ; 5.0 mgKOH/g]
<i>Melting point (°C) :</i>	-20.20
<i>Boiling point (°C) :</i>	203
<i>Flash point (°C) (close cup) :</i>	71
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	95
<i>Impurities >0.01% :</i>	-
<i>Peak #1 (%) :</i>	92.0% min (cis)

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Peak #2 (%) : 0.1% - 6.0% (trans)

1.5 VLEP

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 (50th Am.)

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

Statut kosher : Certified

Halal status : Certified

CAS number : 2277-19-2

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 90 00

Tunnel codes ADR : /

Shelf life : 24 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 :

DSL (Canada) : Listed
RIFM - ID N° : Not listed
JECFA n° : 325
FLAVIS : 05.059
EINECS (EU) : 218-900-9
COE (Council of Europe) : 661
FEMA : 3580
TSCA (Toxic Substances Control Act - USA) : Listed
IECSC (China) : Listed
FDA : Listed
KECI : Not listed
AICS (Australian Invent. Chem. Subs.) : Listed
TCSI (Taiwan) : Listed
ISHL (Japan) : Not listed
ENCS (Japan) n° : Not listed
NEPA (China) : CB9144855
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
C.A.S : 2277-19-2

Labeling :



ED11 Serious eye damage / eye irritation 1
SC12 Skin corrosion / irritation 2
SS1 Sensitisation skin 1



H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.

P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301/303/331+P310 - If swallowed : Rinse mouth. Do not induce vomiting. Immediately call a poison center or doctor/physician.
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.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.