

**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**TRANS 2 NONENAL**

Manufacture PCW

Reference : TRANS 2 NONENAL

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Trans-non-2-enal
<i>IUPAC Name :</i>	(E)-Non-2-enal
<i>Chemical / REACH name :</i>	(E)-non-2-enal
<i>Synonyms :</i>	(E)-cucumber aldehyde natural ; (E)-3-hexyl acrolein ; (E)-heptylidene acetaldehyde
<i>Molecular formula :</i>	C9 H16 O
<i>Molecular weight :</i>	140.23
<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>	0.5% a-Tocopherol synthetic
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to slightly yellow
<i>Odour :</i>	Green
<i>Relative density @ 25°C :</i>	[0.840 ; 0.846]
<i>Refractive index @ 20°C :</i>	[1.450 ; 1.455]
<i>Acid Value :</i>	[0 ; 5.0 mgKOH/g]
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	202
<i>Flash point (°C) (close cup) :</i>	85
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	97.0
<i>Peak #2 (%) :</i>	[Secondary isomer (cis) ; 0.1 - 3.5%]
<i>Peak #1 (%) :</i>	[Main isomer (trans) ; 96.0% min.]
<i>Impurities >0.01% :</i>	-

TRANS 2 NONENAL

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 (49th Am.)

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

Statut kosher : Certified

Hallal status : Certified

CAS number : 18829-56-6

2.1 - REGULAR DATA FLAVOURS

Ionization : -

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

REG. 872/2012 CE Annex 1 : Listed

Foodgrade certificate : Does not comply with the requirements of Regulations 1334/2008/EC & 872/2012/EC

Genetically Modified Organisms (GMO) : Does not result / does not contain 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 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 : Keep under Nitrogen, in fraiche temperature (max 18°C). Avoid prolonged exposure to light, humidity 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

TRANS 2 NONENAL

LEGISLATION :

IECSC (China) : Listed
RIFM - ID N° : Not listed
EINECS (EU) : 242-609-6
JECFA n° : 1362
FLAVIS : 05.072
FEMA : 3213
COE (Council of Europe) : 733
ECSI (Taiwan) : Listed
ISHL (Japan) : Not listed
NEPA (China) : CB3427996
ECL (Corée du Sud) n° : KE-26193
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
PICCS (Philippines) : Listed
ENCS (Japan) n° : Listed
NZIoC (New Zealand) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
C.A.S : 18829-56-6

Labeling :



ED12 Serious eye damage / eye irritation 2
SC12 Skin corrosion / irritation 2

H315 - Causes skin irritation.
H319 - Causes serious eye irritation.

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.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.