

**PCW**

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Technical Data Sheet**CIS 4 DECENAL**

Manufacture PCW

Reference : CIS 4 DECENAL

TECHNICAL DATA

<i>Chemical / REACH name :</i>	(Z)-4-Decenal
<i>Molecular formula :</i>	C ₁₀ H ₁₈ O
<i>Origine géographique :</i>	-
<i>Process :</i>	-
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>I.N.C.I. :</i>	CIS-4-DECENAL
<i>IUPAC Name :</i>	(Z)-4-Decenal
<i>Ref code :</i>	C4D-1
<i>CAS number :</i>	21662-09-9 ; 30390-50-2
<i>Ionization :</i>	Not submitted to a processing of ionization
<i>GMO (Reg (EC) 1829/2003 & 1830/2003 :</i>	Does not contain/consist of and/or is not derived from/produced with the help of genetically modified organisms or derivative ingredients.
<i>Nanomaterials :</i>	Does not contain nanomaterials as defined in Regulation (EC) 1223/2009 and Recommendation 2011/696/UE

ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Colour :</i>	Colorless to slightly yellow
<i>Odour :</i>	Spicy, aldehydic, citrus
<i>Relative density @ 25°C :</i>	[0.843 ; 0.850]
<i>Refractive index @ 20°C :</i>	[1.442 ; 1.446]
<i>Flash point (°C) (close cup) :</i>	85
<i>Somme of isomers (by G.C.) (%) :</i>	[98.0 ; 100.0]
<i>Peak #1 (%) :</i>	[cis: 93.0 ; 99.9]
<i>Peak #2 (%) :</i>	[trans: 0.1 ; 6.0]

COSMETIC REGULAR DATA

<i>Anti-oxydant(s) :</i>	0.5% α-Tocopherol
<i>Statut kosher :</i>	In compliance with kosher requirements
<i>Halal status :</i>	Complies with halal requirements

CIS 4 DECENAL

<i>Huile de palme ou dérivés :</i>	Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.
<i>Animal testing :</i>	In accordance with Article 18 of the Cosmetic Regulation (EC) No 1223/2009
<i>ISO 9235 :</i>	Not concerned
<i>ISO 16128 :</i>	100 % non-natural ingredients

REGULAR DATA FLAVOURS

<i>Natural status (Reg. 1334/2008/EC) :</i>	Flavouring substance
<i>Foodgrade certificate :</i>	Complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC
<i>Bovine Spongiform Encephalopathy (BSE) :</i>	No data
<i>Food allergens (Reg. 1169/2011/EC) :</i>	None
<i>Vegan :</i>	Does not contain ingredient from animal origin

TRANSPORT - HANDLING - STORAGE

<i>Custom tariff :</i>	2912 19 90 00
<i>Shelf life :</i>	24 months, according to storage conditions
<i>Precautions of use :</i>	Avoid any direct contact with the product.
<i>Storage :</i>	Keep under Nitrogen, at cool temperature (max 18°C). Avoid prolonged exposure to light, humidity and air.

LEGISLATION :

NEPA (China) : Listed
ISHL (Japan) : Not listed
ENCS (Japan) n° : Not listed
KECI : Not listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
PICCS (Philippines) : Listed
TCSI (Taiwan) : Listed
NZIoC (New Zealand) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
IECSC (China) : Listed
JECFA n° : 326
COE (Council of Europe) : 2297
RIFM - ID N° : 4
FLAVIS : 05.137 ; 05.096
FEMA : 3264
EINECS (EU) : 641-403-7
C.A.S : 21662-09-9 30390-50-2