

**PCW**

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Technical Data Sheet**DIMETHYL ACETAL CITRAL**

Manufacture PCW

Reference : DIMETHYL ACETAL CITRAL

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Citral dimethyl acetal
<i>IUPAC Name :</i>	1,1-Dimethoxy-3,7-dimethylocta-2,6-diene
<i>Chemical / REACH name :</i>	1,1-dimethoxy-3,7-dimethylocta-2,6-diene
<i>Synonyms :</i>	Citral DMA
<i>Molecular formula :</i>	C ₁₂ H ₂₂ O ₂
<i>Molecular weight :</i>	198.30
<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>	None
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to pale yellow
<i>Odour :</i>	Conform to the commercial description.
<i>Densité à 20/4°C :</i>	[0.886 ; 0.894]
<i>Relative density @ 25°C :</i>	[0.885 ; 0.893]
<i>Refractive index @ 20°C :</i>	[1.454 ; 1.462]
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	82
<i>Ignition temperature :</i>	-
<i>Peak #1 (%) :</i>	[Neral dimethyl acetal : 25.0 ; 40.0]
<i>Peak #2 (%) :</i>	[Geranial dimethyl acetal : 55.0 ; 70.0]
<i>Peak #3 (%) :</i>	[Neral : 0.0 ; 3.0]
<i>Peak #4 (%) :</i>	[Geranial : 0.0 ; 3.0]

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Peak #5 (%) : [Sum acetals : 93.0 ; 100.0]

Impurities >0.01% :

-

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

LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) :

100%

Reg. 1223/2009 & mod. :

See certificate

Allergens SCCNFP List :

See certificate

IFRA :

Restricted (49th Am.)

CMR (Reg. 1223/2009/EEC) :

See certificate

Statut kosher :

-

Hallal status :

-

CAS number :

7549-37-3

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) :

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 :

2911 00 00 90

Tunnel codes ADR :

/

Shelf life :

12 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

DIMETHYL ACETAL CITRAL

LEGISLATION :

EINECS (EU) : 231-434-0
RIFM - ID N° : 237
FDA : 172.515
FEMA : 2305
JECFA n° : 944
COE (Council of Europe) : 39
IECSC (China) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
NZIoC (New Zealand) : Listed
ECSI (Taiwan) : Listed
PICCS (Philippines) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
DSL (Canada) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
ECL (Corée du Sud) n° : KE-11055
ENCS (Japan) n° : (2)-519
ISHL (Japan) : Not listed
NEPA (China) : CB9367971
FLAVIS : 06.005
C.A.S : 7549-37-3

Labeling :



ED12 Serious eye damage / eye irritation 2
SC12 Skin corrosion / irritation 2
SS1 Sensitisation skin 1

H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 - Contaminated work clothing should not be allowed out of the workplace.
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.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.