

**PCW**

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Technical Data Sheet**TETRAHYDROGERANIOL**

Manufacture PCW

Reference : TETRAHYDROGERANIOL

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Dihydrocitronellol
<i>IUPAC Name :</i>	3,7-Dimethyl-1-octanol
<i>Chemical / REACH name :</i>	3,7-dimethyloctan-1-ol
<i>Synonyms :</i>	Pelargol ; Dimethyl octanol ; Tetrahydrogeraniol
<i>Molecular formula :</i>	C ₁₀ H ₂₂ O
<i>Molecular weight :</i>	158.28
<i>Origin raw material :</i>	Synthetic
<i>Origine géographique :</i>	-
<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>	Not added directly
<i>Water solubility :</i>	Insoluble. 64 mg/l
<i>Solubility in alcohol (°) :</i>	Yes
<i>Ref code :</i>	TETR-1

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless
<i>Odour :</i>	Fresh, slightly citrus, reminiscent of rose with a light waxy darkness.
<i>Density at 20°C :</i>	[0.825 ; 0.835]
<i>Refractive index @ 20°C :</i>	[1.432 ; 1.438]
<i>Acid Value :</i>	[1.432 ; 1.438]
<i>Melting point (°C) :</i>	-100
<i>Boiling point (°C) :</i>	218
<i>Flash point (°C) (close cup) :</i>	95
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[97.0 ; 100.0]
<i>Impurities >0.01% :</i>	-
<i>Viscosity :</i>	kinematic : 18.4 mm ² /s (20°C)

TETRAHYDROGERANIOL

Relative density @ 25°C : [0.825 ; 0.830]

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 : No restrictions (50th Am.)

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

Statut kosher : Certified

Halal status : In compliance with the religious concepts

CAS number : 106-21-8

Animal testing : This product was not tested on animals.

ISO 16128 : L'Indice Naturelle : In= 0. L'Indice d'Origine Naturelle est : Ino= 0.

2.1 - REGULAR DATA FLAVOURS

Food allergens (Reg.
1169/2011/EC) : None

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

Vegan : Yes

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2905 19 00 98

Tunnel codes ADR : E

Shelf life : 36 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 : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S.(3,7-diméthyl-octane-1-ol), 9, III

Maritime Transport IMDG : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S.(3,7-diméthyl-octane-1-ol), 9, III

Marine pollutant :

Air Transport IATA : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S.(3,7-diméthyl-octane-1-ol), 9, III

TETRAHYDROGERANIOL

LEGISLATION :

EINECS (EU) : 203-374-5
PICCS (Philippines) : Listed
RIFM - ID N° : 360
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
KECI : KE-11635
COE (Council of Europe) : 75
JECFA n° : 272
FEMA : 2391
FLAVIS : 02.026
ENCS (Japan) n° : (2)-217
ISHL (Japan) : Not listed
NEPA (China) : CB6103633
FDA : 172.515
IECSC (China) : Listed
NZIoC (New Zealand) : Listed
C.A.S : 106-21-8

Labeling :



ED12 Serious eye damage / eye irritation 2
EHC2 Hazardous to the aquatic environment, long-term hazard 2
SC12 Skin corrosion / irritation 2



H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H411 - Toxic to aquatic life with long lasting effects.

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.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.