

**PCW**

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Technical Data Sheet**SAFRANAL**

Manufacture PCW

Reference : SAFRANAL

1 - TECHNICAL DATA

<i>Ref code :</i>	SAFR-1
<i>I.N.C.I. :</i>	2,3-DIHYDRO-2,2,6-TRIMETHYLBENZALDEHYDE
<i>IUPAC Name :</i>	2,3-dihydro-2,2,6-trimethylbenzaldehyde
<i>Chemical / REACH name :</i>	2,3-dihydro-2,2,6-trimethylbenzaldehyde
<i>Synonyms :</i>	Dehydro beta-cyclocitral ; 1,3-cyclohexadiene-1-carboxaldehyde, 2,6,6-trimethyl-
<i>Molecular formula :</i>	C ₁₀ H ₁₄ O
<i>Molecular weight :</i>	150
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Anti-oxydant(s) :</i>	<0.1% α-tocoherol
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Yellow
<i>Odour :</i>	Spicy, woody, herbaceous
<i>Density at 20°C :</i>	[0.966 ; 0.976]
<i>Refractive index @ 20°C :</i>	[1.521 ; 1.527]
<i>Acid Value :</i>	-
<i>Flash point (°C) (close cup) :</i>	85
<i>Boiling point (°C) :</i>	-
<i>Melting point (°C) :</i>	-
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[90 ; 100]
<i>Impurities >0.01% :</i>	-

1.2 - ANALYTICAL DATA SPECIFIC

<i>Cadmium (Cd) :</i>	<1 mg/kg
<i>Mercury (Hg) :</i>	<1 mg/kg

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Arsenic (As) :	<3 mg/kg
Lead (Pb) :	<10 mg/kg

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%
IFRA :	Restricted (50th Am.)
Reg. 1223/2009 & mod. :	See certificate
Allergens SCCNFP List :	See certificate
CMR (Reg. 1223/2009/EEC) :	See certificate
Halal status :	In compliance with the religious concepts
Statut kosher :	In compliance with the religious concepts
CAS number :	116-26-7
Animal testing :	This product was not tested on animals.
Nanoparticle :	Not concerned
ISO 9235 :	-
ISO 16128 :	-

2.1 - REGULAR DATA FLAVOURS

REG. 872/2012 CE Annex 1 :	Listed
Natural status (Reg. 1334/2008/EC) :	Flavouring substance
Foodgrade certificate :	Complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC
Ionization :	Not submitted to a processing of ionization
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 :	-
Food allergens (Reg. 1169/2011/EC) :	-

4 - TRANSPORT - HANDLING - STORAGE

Tunnel codes ADR :	E
Precautions of use :	Avoid any direct contact with the product.
Shelf life :	12 months, according to storage conditions
Custom tariff :	2912 29 00 90

4.1 - STORAGE

Storage :	Store in cool place (10°C max.), in tightly sealed original container. Avoid prolonged exposure to light, heat and air.
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Transport :

Land Transport ADR/RID :	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(2,3-dihydro-2,2,6-trimethylbenzaldehyde), 9, III
Maritime Transport IMDG :	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(2,3-dihydro-2,2,6-trimethylbenzaldehyde), 9, III

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Marine pollutant : No
Air Transport IATA : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S.(2,3-dihydro-2,2,6-trimethylbenzaldehyde), 9, III

LEGISLATION :

RIFM - ID N° : 6247
NEPA (China) : CB9701548
COE (Council of Europe) : 10383
IECSC (China) : Listed
TCSI (Taiwan) : Listed
KECI : Not listed
ISHL (Japan) : Not listed
ENCS (Japan) n° : Not listed
TSCA (Toxic Substances Control Act - USA) : Listed
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
JECFA n° : 977
FDA : Not listed
FEMA : 3389
FLAVIS : 05.104
EINECS (EU) : 204-133-7
C.A.S : 116-26-7

Labeling :



ATO4 Acute toxicity oral 4
ED12 Serious eye damage / eye irritation 2
EHC2 Hazardous to the aquatic environment, long-term hazard 2
SC12 Skin corrosion / irritation 2
SS1 Sensitisation skin 1

H302 - Harmful if swallowed.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H411 - Toxic to aquatic life with long lasting effects.

P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/... if you feel unwell.
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.
P321 - Specific treatment (see ... on this label).
P333+P313 - If skin irritation or rash 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.