

**PCW**

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Technical Data Sheet**SAFRALEINE**

Manufacture PCW

Reference : SAFRALEINE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	2,3,3-Trimethylindanone
<i>IUPAC Name :</i>	2,3,3-trimethyl-2H-inden-1-one
<i>Chemical / REACH name :</i>	2,3,3-Trimethylindan-1-one
<i>Synonyms :</i>	saffron indenone ; safraleine
<i>Molecular formula :</i>	C ₁₂ H ₁₄ O
<i>Molecular weight :</i>	174.20
<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>	Not added directly
<i>Water solubility :</i>	446 mg/L @ 20°C
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Pale yellow
<i>Odour :</i>	Spicy, leather, woody, warm
<i>Density at 20°C :</i>	[1.017 ; 1.027]
<i>Densité à 20/4°C :</i>	[1.015 ; 1.025]
<i>Relative density @ 25°C :</i>	[1.014 ; 1.024]
<i>Refractive index @ 20°C :</i>	[1.534 ; 1.540]
<i>Indice de réfraction à 25°C :</i>	[1.532 ; 1.538]
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	<-50
<i>Boiling point (°C) :</i>	251
<i>Flash point (°C) (close cup) :</i>	120
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[96.0 ; 100.0]
<i>Impurities >0.01% :</i>	-

SAFRALEINE

Peroxides value mmol/kg : [0 ; 20.0 mmol/L]

1.2 - ANALYTICAL DATA SPECIFIC

Peroxyde value (mg ox. actif/kg) : 0 - 20 mmol/L

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 : See certificate - Raw material not regulated as such but contains indirect substances included within the IFRA Standards (49th Am.).

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

Statut kosher : -

Hallal status : -

CAS number : 54440-17-4

2.1 - REGULAR DATA FLAVOURS

Ionization : -

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

REG. 872/2012 CE Annex 1 : -

Foodgrade certificate : -

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 : 2914 39 00 90

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 : 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

SAFRALEINE

LEGISLATION :

RIFM - ID N° : /
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Not listed
NEPA (China) : CB82493156
DSL (Canada) : Not listed
JECFA n° : 2047
ISHL (Japan) : Not listed
IECSC (China) : Listed
FEMA : 4556
ENCS (Japan) n° : Not listed
ELINCS (EU) : 459-090-9
EINECS (EU) : Not listed
ECL (Corée du Sud) n° : Not listed
AICS (Australian Invent. Chem. Subs.) : Listed
C.A.S : 54440-17-4

Labeling :



EHC3 Hazardous to the aquatic environment, long-term hazard 3
SC12 Skin corrosion / irritation 2

H315 - Causes skin irritation.

H412 - Harmful 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.

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

P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.