

**PCW**

45 Boulevard Marcel PAGNOL

06130 GRASSE - FRANCE

Tel : +33 (0)4 92 42 35 00 Fax: +33 (0)4 92 42 35 19

Site : www.pcwfrance.com Mail : info@pcwfrance.com

Technical Data Sheet**FLORALOZONE**

Manufacture PCW

Reference : FLORALOZONE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Reaction mass of 3-(o-ethylphenyl)-2,2-dimethylpropionaldehyde and 3-(pethylphenyl)-2,2-dimethylpropionaldehyde
<i>IUPAC Name :</i>	Reaction mass of 3-(o-ethylphenyl)-2,2-dimethylpropionaldehyde and 3-(pethylphenyl)-2,2-dimethylpropionaldehyde
<i>Chemical / REACH name :</i>	Reaction mass of 3-(o-ethylphenyl)-2,2-dimethylpropionaldehyde and 3-(pethylphenyl)-2,2-dimethylpropionaldehyde
<i>Synonyms :</i>	Floralozone ; Floralozonex ; Florazon ; Florone, Ozofloranal
<i>Molecular formula :</i>	C13 H18 O
<i>Molecular weight :</i>	190,3
<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>	None
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes
<i>Ref code :</i>	FLZ-1

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless
<i>Odour :</i>	Conform to the commercial description.
<i>Densité à 20/4°C :</i>	[0.951 ; 0.958]
<i>Refractive index @ 20°C :</i>	[1.504 ; 1.508]
<i>Acid Value :</i>	[0 ; 1.000 mg/g]
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	100
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	97%

FLORALOZONE

<i>Impurities >0.01% :</i>	-
<i>Peak #1 (%) :</i>	[meta 0.00 ; 3.00]
<i>Peak #2 (%) :</i>	[ortho 20.00 ; 35.00]
<i>Peak #3 (%) :</i>	[para 60.00 ; 75.00]

1.5 VLEP

<i>VLEP short term mg/m3 (98/24/CE) :</i>	No data
<i>VLEP (8h) mg/m3 (98/24/CE) :</i>	No data

2 - COSMETIC REGULAR DATA

<i>VOC Swiss - Annex 1 :</i>	Not listed
<i>LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) :</i>	100%
<i>Reg. 1223/2009 & mod. :</i>	See certificate
<i>Allergens SCCNFP List :</i>	See certificate
<i>IFRA :</i>	No restrictions (49th Am.)
<i>CMR (Reg. 1223/2009/EEC) :</i>	See certificate
<i>Statut kosher :</i>	-
<i>Halal status :</i>	In compliance with the religious concepts
<i>CAS number :</i>	67634-14-4 / 67634-15-5

2.1 - REGULAR DATA FLAVOURS

<i>Ionization :</i>	-
<i>REG. 872/2012 CE Annex 1 :</i>	Not listed
<i>Genetically Modified Organisms (GMO) :</i>	Does not result / does not contain GMO
<i>Bovine Spongiform Encephalopathy (BSE) :</i>	Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process

4 - TRANSPORT - HANDLING - STORAGE

<i>Custom tariff :</i>	2912 29 60 00
<i>Tunnel codes ADR :</i>	E
<i>Shelf life :</i>	24 months, according to storage conditions
<i>Precautions of use :</i>	Avoid any direct contact with the product.

4.1 - STORAGE

<i>Storage :</i>	Keep under Nitrogen, in ambient temperature (max 18°C). Avoid prolonged exposure to light, humidity and air.
------------------	--

Transport :

<i>Land Transport ADR/RID :</i>	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(3-(p-ethylphenyl)-2,2-dimethylpropionaldehyde), 9, III
<i>Maritime Transport IMDG :</i>	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(3-(p-ethylphenyl)-2,2-dimethylpropionaldehyde), 9, III
<i>Marine pollutant :</i>	
<i>Air Transport IATA :</i>	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(3-(p-ethylphenyl)-2,2-dimethylpropionaldehyde), 9, III

FLORALOZONE

LEGISLATION :

EINECS (EU) : 266-818-7, 266-819-2
TCSI (Taiwan) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
DSL (Canada) : Listed
FLAVIS : Not listed
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
ENCS (Japan) n° : Not listed
AICS (Australian Invent. Chem. Subs.) : Listed
RIFM - ID N° : 5825 ; 1114
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
NEPA (China) : CB9933822
FDA : Not listed
FEMA : Not listed
COE (Council of Europe) : Not listed
IECSC (China) : Listed
KECI : 2011-3-5004
ISHL (Japan) : Listed
C.A.S : 67634-14-4 67634-15-5

Labeling :



EHA1 Hazardous to the aquatic environment, acute hazard 1
EHC2 Hazardous to the aquatic environment, long-term hazard 2
SC12 Skin corrosion / irritation 2
SS1 Sensitisation skin 1



H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H400 - Very toxic to aquatic life.
H411 - Toxic to aquatic life with long lasting effects.

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.
P333+P313 - If skin irritation or rash occurs: 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.