

**PCW**

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Technical Data Sheet**FRAISTONE**

Manufacture PCW

Reference : FRAISTONE

1 - TECHNICAL DATA

<i>Ref code :</i>	FRASTN-1
<i>I.N.C.I. :</i>	Ethyl dimethyldioxane-2-acetate
<i>IUPAC Name :</i>	Ethyl 2-(2,4-dimethyl-1,3-dioxolan-2-yl)acetate
<i>Chemical / REACH name :</i>	Ethyl dimethyldioxane-2-acetate
<i>Synonyms :</i>	Strawberry ketal ; methyl fragolan ; ethyl acetoacetate propyleneglycol ketal
<i>Molecular formula :</i>	C9 H16 O4
<i>Molecular weight :</i>	188
<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>	-
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless
<i>Odour :</i>	Fruity, sour, fresh
<i>Density at 20°C :</i>	[1.040 ; 1.050]
<i>Refractive index @ 20°C :</i>	[1.424 ; 1.434]
<i>Acid Value :</i>	-
<i>Flash point (°C) (close cup) :</i>	91
<i>Boiling point (°C) :</i>	100
<i>Melting point (°C) :</i>	-
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[97 ; 100]
<i>Impurities >0.01% :</i>	-
<i>Melamine :</i>	<1 mg/kg

1.2 - ANALYTICAL DATA SPECIFIC

<i>Arsenic (As) :</i>	<3 mg/kg
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Mercury (Hg) :	<1 mg/kg
Cadmium (Cd) :	<1 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 :	No data
Low VOC (CARB) :	100%
IFRA :	No restrictions (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 :	Certified
CAS number :	6290-17-1
Animal testing :	This product was not tested on animals.
Nanoparticle :	Not concerned
ISO 16128 :	The Natural Index is : In= 0. The Natural Origin Index is: Ino= 0. The Organic Index is: Io= 0. The Organic Origin Index is: Ioo= 0.

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

4 - TRANSPORT - HANDLING - STORAGE

Tunnel codes ADR :	/
Precautions of use :	Avoid any direct contact with the product.
Shelf life :	30 months, according to storage conditions
Custom tariff :	2932 99 00 90

4.1 - STORAGE

Storage :	Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.
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Transport :

Land Transport ADR/RID :	NR Not regulated for transport
Maritime Transport IMDG :	NR Not regulated for transport

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Marine pollutant : No

Air Transport IATA : NR Not regulated for transport

LEGISLATION :

RIFM - ID N° : 5117

EINECS (EU) : 228-536-2

COE (Council of Europe) : Not listed

FLAVIS : 06.087

FDA : Not listed

FEMA : 4294

JECFA n° : 1715

NEPA (China) : CB9387467

NDSL/LES (Canada - Non-domestic Substances List) : Not Listed

DSL (Canada) : Listed

AICS (Australian Invent. Chem. Subs.) : Listed

NZIoC (New Zealand) : Listed

PICCS (Philippines) : Listed

TSCA (Toxic Substances Control Act - USA) : Listed

KECI : Not listed

ENCS (Japan) n° : (5)-373

ISHL (Japan) : Not listed

TCSI (Taiwan) : Listed

IECSC (China) : Listed

C.A.S : 6290-17-1

Labeling :

H000 - Not classified according to the Regulation 1272/2008/EC