

**PCW**

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Technical Data Sheet**ETHYL TRANS-2-CIS-4 DECADIENOATE**

Manufacture PCW

Reference : ETHYL TRANS-2-CIS-4 DECADIENOATE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Ethyl decadienoate
<i>IUPAC Name :</i>	Ethyl (2E,4Z)-2,4-decadienoate
<i>Chemical / REACH name :</i>	Ethyl (2E,4Z)-2,4-decadienoate
<i>Synonyms :</i>	Pear ester
<i>Molecular formula :</i>	C ₁₂ H ₂₀ O ₂
<i>Molecular weight :</i>	196.28
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-
<i>Anti-oxydant(s) :</i>	α-Tocopherol 0.1%
<i>Solubility in alcohol (°) :</i>	Yes
<i>Water solubility :</i>	No
<i>Ref code :</i>	ET2C4D-1

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to slightly yellow
<i>Odour :</i>	Fruity, green, pear
<i>Relative density @ 25°C :</i>	[0.900 ; 0.905]
<i>Refractive index @ 20°C :</i>	[1.485 ; 1.490]
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	-60.3
<i>Boiling point (°C) :</i>	248.8
<i>Flash point (°C) (close cup) :</i>	117
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	98.0% min.
<i>Peak #1 (%) :</i>	[92.0% min. ; e,z isomer]
<i>Peak #2 (%) :</i>	[0.1 ; 8.0]

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Impurities >0.01% : -

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

CAS number : 3025-30-7

Statut kosher : Certified

Halal status : Certified

Allergens SCCNFP List : See certificate

IFRA : No restrictions (50th Am.)

Nanoparticle : Not concerned

VOC Swiss - Annex 1 : Not listed

LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) : 100%

Reg. 1223/2009 & mod. : See certificate

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

2.1 - REGULAR DATA FLAVOURS

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

Ionization : -

REG. 872/2012 CE Annex 1 : Listed

Foodgrade certificate : Complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC

Genetically Modified Organisms (GMO) : -

Bovine Spongiform Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2916 19 60 00

Tunnel codes ADR : D/E

Precautions of use : Avoid any direct contact with the product.

Shelf life : 30 months, according to storage conditions

4.1 - STORAGE

Storage : Keep under Nitrogen, in cool room. Avoid prolonged exposure to light and air.

Transport :

Land Transport ADR/RID : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.((Ethyl (2e,4z)-2,4-decadienoate)), 9, III

Maritime Transport IMDG : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.((Ethyl (2e,4z)-2,4-decadienoate)), 9, III

Marine pollutant : Yes

Air Transport IATA : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.((Ethyl (2e,4z)-2,4-decadienoate)), 9, III

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LEGISLATION :

TSCA (Toxic Substances Control Act - USA) : Listed
RIFM - ID N° : 1184
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
NEPA (China) : CB9758375
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
JECFA n° : 1192
ISHL (Japan) : Not listed
IECSC (China) : Listed
FLAVIS : 09.260
FEMA : 3148
FDA : Not listed
ENCS (Japan) n° : Not listed
EINECS (EU) : 221-178-8
TCSI (Taiwan) : Listed
KECI : KE-13592
COE (Council of Europe) : 10574
AICS (Australian Invent. Chem. Subs.) : Listed
C.A.S : 3025-30-7

Labeling :



EHA1 Hazardous to the aquatic environment, acute hazard 1
EHC2 Hazardous to the aquatic environment, long-term hazard 2
SCI2 Skin corrosion / irritation 2



H315 - Causes skin irritation.
H400 - Very toxic to aquatic life.
H411 - Toxic to aquatic life with long lasting effects.

P264 - Wash hands thoroughly after handling.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P321 - Specific treatment (see ... on this label).
P332+P313 - If skin irritation occurs: Get medical advice/attention.