

**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**DIETHOXYETHANE (1,1 DIETHOXYETHANE) - DIET/1**

Manufacture PCW

Reference : DIETHOXYETHANE (1,1 DIETHOXYETHANE) - DIET/1

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Acetaldehyde diethyl acetal
<i>IUPAC Name :</i>	1,1-Diethoxyethane
<i>Chemical / REACH name :</i>	1,1-Diethoxyethane
<i>Synonyms :</i>	Acetal ; Diethyl acetal ; Ethylidene diethyl ether
<i>Molecular formula :</i>	C ₆ H ₁₄ O ₂
<i>Molecular weight :</i>	118.18
<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>	None
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless
<i>Odour :</i>	Fruity, Hazelnut, Green
<i>Density 20/20°C :</i>	[0.820 ; 0.835]
<i>Refractive index n (20/D) :</i>	[1.379 ; 1.383]
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	35
<i>Flash point (°C) (close cup) :</i>	-21
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[98 ; 100]
<i>Impurities >0.01% :</i>	-

1.5 VLEP

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

DIETHOXYETHANE (1,1 DIETHOXYETHANE) - DIET/1

VLEP (8h) mg/m3 (98/24/CE) : No data

2 - COSMETIC REGULAR DATA

VOC Swiss - Annex 1 : Not listed
COV medium (CARB) : 100%
Reg. 1223/2009 & mod. : See certificate
Allergens SCCNFP List : See certificate
IFRA : Restricted (50th Am.)
CMR (Reg. 1223/2009/EEC) : See certificate
Statut kosher : Certified
Hallal status : -
CAS number : 105-57-7

2.1 - REGULAR DATA FLAVOURS

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

Tunnel codes ADR : D/E
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 : 1088 ACETAL, 3, II
Maritime Transport IMDG : 1088 ACETAL, 3, II
Marine pollutant :
Air Transport IATA : 1088 ACETAL, 3, II

DIETHOXYETHANE (1,1 DIETHOXYETHANE) - DIET/1

LEGISLATION :

RIFM - ID N° : 481
JECFA n° : 941
FLAVIS : 06.001
FEMA : 2002
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
IECSC (China) : Listed
NEPA (China) : CB5852662
FDA : 172.515
ISHL (Japan) : 2-(8) -429
ENCS (Japan) n° : (2) -496
ECSI (Taiwan) : Listed
EINECS (EU) : 203-310-6
COE (Council of Europe) : 35
ECL (Corée du Sud) n° : KE-10342
C.A.S : 105-57-7

Labeling :



CAR1B Carcinogenicity 1B
ED12 Serious eye damage / eye irritation 2
FL2 Flammable Liquids 2
SC12 Skin corrosion / irritation 2



H225 - Highly flammable liquid and vapour



H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H350 - May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 - Keep container tightly closed.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P281 - Use personal protective equipment as required.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313 - IF exposed or concerned: Get medical advice/attention.

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

P337+P313 - If eye irritation persists: Get medical advice/attention.

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