

**PCW**

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**Technical Data Sheet****ADOXAL**

Manufacture PCW

Reference : ADOXAL

**1 - TECHNICAL DATA**

*Chemical / REACH name :* 2,6,10-trimethylundec-9-enal  
*Synonyms :* Adoxal  
*Molecular formula :* 210.40 g/mol  
*Molecular weight :* C14 H26 O  
*Origin raw material :* Synthetic  
*Use of the substance / mixture :* Industrial use only  
*End use :* Fragrances / Cosmetic  
*Use level max. recom. :* -  
*Anti-oxydant(s) :* None  
*Water solubility :* No  
*Solubility in alcohol (°) :* Yes  
*I.N.C.I. :* Trimethylundecenal  
*IUPAC Name :* 2,6,10-Trimethylundec-9-enal  
*Solvent(s) :* 0.004% toluene

**1.1 - ANALYTICAL DATA**

*Appearance :* Liquid  
*Color :* Colorless to pale yellow  
*Odour :* Aldehydic, marine, powerfull, waxy  
*Density at 20°C :* [0.849 ; 0.855]  
*Refractive index @ 20°C :* [1.450 ; 1.455]  
*Acid Value :* [0 ; 2.0 mgKOH/g]  
*Melting point (°C) :* <60°C  
*Boiling point (°C) :* 260  
*Flash point (°C) (close cup) :* 120  
*Ignition temperature :* -  
*Purity (%) :* [99.0 ; 100.0]  
*Impurities >0.01% :* -  
*Relative density @ 25°C :* [0.846 ; 0.852]  
*Densité à 20/4°C :* [0.847 ; 0.853]

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Refractive index at 25°C : [1.448 ; 1.453]

## **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 : In compliance with the religious concepts

CAS number : 141-13-9

## **2.1 - REGULAR DATA FLAVOURS**

Ionization : -

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

REG. 872/2012 CE Annex 1 : Not listed

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 : 2912 19 00 90

Tunnel codes ADR : E

Shelf life : 12 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 : 3082 Environmentally hazardous substance, liquid, n.o.s.,(2,6,10-triméthylundécenal), 9, III

Maritime Transport IMDG : 3082 Environmentally hazardous substance, liquid, n.o.s.,(2,6,10-triméthylundécenal), 9, III

Marine pollutant : Yes

Air Transport IATA : 3082 Environmentally hazardous substance, liquid, n.o.s.,(2,6,10-triméthylundécenal), 9, III

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## LEGISLATION :

RIFM - ID N° : 858  
NEPA (China) : CB4207267  
ISHL (Japan) : Not listed  
ENCS (Japan) n° : Not listed  
ECL (Corée du Sud) n° : KE-34706  
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed  
DSL (Canada) : Listed  
AICS (Australian Invent. Chem. Subs.) : Listed  
PICCS (Philippines) : Listed  
ECSI (Taiwan) : Listed  
NZIoC (New Zealand) : Listed  
TSCA (Toxic Substances Control Act - USA) : Listed  
IECSC (China) : Listed  
FDA : Not listed  
JECFA n° : Not listed  
COE (Council of Europe) : Not listed  
FLAVIS : Not listed  
FEMA : 4768  
EINECS (EU) : 205-460-8  
C.A.S : 141-13-9

## Labeling :



EHA1 Hazardous to the aquatic environment, acute hazard 1  
EHC1 Hazardous to the aquatic environment, long-term hazard 1  
SS1 Sensitisation skin 1



H317 - May cause an allergic skin reaction.  
H410 - Very 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.  
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.