

**PCW**

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**Technical Data Sheet****TRANS 2 HEXENYL ACETATE**

Manufacture PCW

Reference : TRANS 2 HEXENYL ACETATE

**1 - TECHNICAL DATA**

|                                         |                                  |
|-----------------------------------------|----------------------------------|
| <i>I.N.C.I. :</i>                       | trans-2-Hexenyl acetate          |
| <i>IUPAC Name :</i>                     | trans-hex-2-en-1-yl acetate      |
| <i>Chemical / REACH name :</i>          | trans-2-Hexenyl acetate          |
| <i>Use of the substance / mixture :</i> | Industrial use only              |
| <i>End use :</i>                        | Fragrances / Cosmetic / Flavours |
| <i>Origin raw material :</i>            | Synthetic                        |
| <i>Molecular formula :</i>              | C8 H14 O2                        |
| <i>Molecular weight :</i>               | 142.19                           |
| <i>Solubility in alcohol (°) :</i>      | Yes                              |
| <i>Water solubility :</i>               | No                               |
| <i>Anti-oxydant(s) :</i>                | None                             |
| <i>Use level max. recom. :</i>          | -                                |

**1.1 - ANALYTICAL DATA**

|                                       |                            |
|---------------------------------------|----------------------------|
| <i>Appearance :</i>                   | Liquid                     |
| <i>Color :</i>                        | Colourless to clear yellow |
| <i>Odour :</i>                        | Fresh, fruity, green       |
| <i>Relative density 20°C :</i>        | [0.893 ; 0.900]            |
| <i>Refractive index @ 20°C :</i>      | [1.425 ; 1.430]            |
| <i>Acid Value :</i>                   | [0 mg KOH/g ; 1 mg KOH/g]  |
| <i>Melting point (°C) :</i>           | -20                        |
| <i>Flash point (°C) (close cup) :</i> | 58                         |
| <i>Boiling point (°C) :</i>           | 176                        |
| <i>Ignition temperature :</i>         | -                          |

**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>CAS number :</i> | 2497-18-9 |
|---------------------|-----------|

# TRANS 2 HEXENYL ACETATE

|                                    |                                           |
|------------------------------------|-------------------------------------------|
| <i>Allergens SCCNFP List :</i>     | See certificate                           |
| <i>IFRA :</i>                      | No restrictions (49th Am.)                |
| <i>VOC Swiss - Annex 1 :</i>       | Not listed                                |
| <i>Low VOC (CARB) :</i>            | 100%                                      |
| <i>Reg. 1223/2009 &amp; mod. :</i> | See certificate                           |
| <i>CMR (Reg. 1223/2009/EEC) :</i>  | See certificate                           |
| <i>Statut kosher :</i>             | In compliance with the religious concepts |
| <i>Hallal status :</i>             | In compliance with the religious concepts |

## 2.1 - REGULAR DATA FLAVOURS

|                                                 |                                                                                                           |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <i>Ionization :</i>                             | Not submitted to a processing of ionization                                                               |
| <i>Natural status (Reg. 1334/2008/EC) :</i>     | Flavouring substance                                                                                      |
| <i>REG. 872/2012 CE Annex 1 :</i>               | Listed                                                                                                    |
| <i>Foodgrade certificate :</i>                  | Complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC                                  |
| <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>Shelf life :</i>         | 12 months, according to storage conditions |
| <i>Custom tariff :</i>      | 2915 39 00 90                              |
| <i>Tunnel codes ADR :</i>   | D/E                                        |
| <i>Precautions of use :</i> | Avoid any direct contact with the product. |

### 4.1 - STORAGE

|                  |                                                                                                              |
|------------------|--------------------------------------------------------------------------------------------------------------|
| <i>Storage :</i> | Keep under Nitrogen, in fraiche temperature (max 20°C). Avoid prolonged exposure to light, humidity and air. |
|------------------|--------------------------------------------------------------------------------------------------------------|

#### Transport :

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| <i>Land Transport ADR/RID :</i>  | 3272 Esters n.o.s., (trans-2-Hexenyl acetate), 3, III |
| <i>Maritime Transport IMDG :</i> | 3272 Esters n.o.s., (trans-2-Hexenyl acetate), 3, III |
| <i>Marine pollutant :</i>        |                                                       |
| <i>Air Transport IATA :</i>      | 3272 Esters n.o.s., (trans-2-Hexenyl acetate), 3, III |

# TRANS 2 HEXENYL ACETATE

## **LEGISLATION :**

AICS (Australian Invent. Chem. Subs.) : Listed  
DSL (Canada) : Listed  
COE (Council of Europe) : 643c  
ECL (Corée du Sud) n° : KE-19878  
EINECS (EU) : 219-680-7  
ENCS (Japan) n° : (2)-2533  
EPA N° : Listed  
FDA : 172.515  
FEMA : 2564  
FLAVIS : 09.394  
Gras List : 3  
IECSC (China) : Listed  
NEPA (China) : CB2482008  
ECSI (Taiwan) : Listed  
ISHL (Japan) : Listed  
JECFA n° : 1355  
NZIoC (New Zealand) : Listed  
PICCS (Philippines) : Listed  
RIFM - ID N° : 629  
TSCA (Toxic Substances Control Act - USA) : Listed  
C.A.S : 2497-18-9

## **Labeling :**



Symbol: F  
R10:Flammable.  
Symbol: Xi



R36/37/38:Irritating to eyes, respiratory system and skin.  
S37:Wear suitable gloves.  
S35:This material and its container must be disposed of in a safe way.  
S26:In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S16:Keep away from sources of ignition - No smoking.