

**PCW**

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**Technical Data Sheet****ISOBORNYL CYCLOHEXANOL**

Manufacture PCW

Reference : ISOBORNYL CYCLOHEXANOL

**1 - TECHNICAL DATA**

|                                         |                                                            |
|-----------------------------------------|------------------------------------------------------------|
| <i>I.N.C.I. :</i>                       | Iso Bornyl Methoxy Cyclohexanol (Isomeric mixture)         |
| <i>IUPAC Name :</i>                     | 3-(5,5,6-Trimethylbicyclo[2.2.1]hept-2-yl) cyclohexan-1-ol |
| <i>Chemical / REACH name :</i>          | 3-(5,5,6-triméthylbicyclo[2.2.1]hept-2-yl)cyclohexan-1-ol  |
| <i>Synonyms :</i>                       | IBCH                                                       |
| <i>Molecular formula :</i>              | C <sub>16</sub> H <sub>28</sub> O                          |
| <i>Molecular weight :</i>               | 236.4                                                      |
| <i>Use of the substance / mixture :</i> | Industrial use only                                        |
| <i>End use :</i>                        | Fragrances / Cosmetic                                      |
| <i>Use level max. recom. :</i>          | -                                                          |
| <i>Origin raw material :</i>            | Synthetic                                                  |
| <i>Water solubility :</i>               | No                                                         |

**1.1 - ANALYTICAL DATA**

|                                       |                   |
|---------------------------------------|-------------------|
| <i>Appearance :</i>                   | Viscous liquid    |
| <i>Color :</i>                        | Colorless         |
| <i>Odour :</i>                        | Woody, sandalwood |
| <i>Density at 20°C :</i>              | [0.990 ; 1.010]   |
| <i>Refractive index @ 20°C :</i>      | [1.500 ; 1.512]   |
| <i>Melting point (°C) :</i>           | [20 ; 25]         |
| <i>Acid Value :</i>                   | -                 |
| <i>Flash point (°C) (close cup) :</i> | > 100             |
| <i>Boiling point (°C) :</i>           | 200               |
| <i>Purity (%) :</i>                   | -                 |
| <i>Impurities &gt;0.01% :</i>         | -                 |
| <i>Ignition temperature :</i>         | -                 |

**1.5 VLEP**

|                                                      |         |
|------------------------------------------------------|---------|
| <i>VLEP short term mg/m<sup>3</sup> (98/24/CE) :</i> | No data |
| <i>VLEP (8h) mg/m<sup>3</sup> (98/24/CE) :</i>       | No data |

**2 - COSMETIC REGULAR DATA**

# ISOBORNYL CYCLOHEXANOL

|                                                    |                            |
|----------------------------------------------------|----------------------------|
| <i>CAS number :</i>                                | 3407-42-9                  |
| <i>Reg. 1223/2009 &amp; mod. :</i>                 | See certificate            |
| <i>Allergens SCCNFP List :</i>                     | See certificate            |
| <i>IFRA :</i>                                      | No restrictions (49th Am.) |
| <i>CMR (Reg. 1223/2009/EEC) :</i>                  | See certificate            |
| <i>VOC Swiss - Annex 1 :</i>                       | Not listed                 |
| <i>LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) :</i> | 100%                       |
| <i>Statut kosher :</i>                             | Certified                  |
| <i>Hallal status :</i>                             | Certified                  |

## **2.1 - REGULAR DATA FLAVOURS**

|                                   |            |
|-----------------------------------|------------|
| <i>REG. 872/2012 CE Annex 1 :</i> | Not listed |
|-----------------------------------|------------|

## **4 - TRANSPORT - HANDLING - STORAGE**

|                             |                                            |
|-----------------------------|--------------------------------------------|
| <i>Custom tariff :</i>      | 2906 19 00 90                              |
| <i>Shelf life :</i>         | 24 months, according to storage conditions |
| <i>Tunnel codes ADR :</i>   | E                                          |
| <i>Precautions of use :</i> | Avoid any direct contact with the product. |

### **4.1 - STORAGE**

|                  |                                                                                                           |
|------------------|-----------------------------------------------------------------------------------------------------------|
| <i>Storage :</i> | Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air. |
|------------------|-----------------------------------------------------------------------------------------------------------|

### **Transport :**

|                                  |                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <i>Land Transport ADR/RID :</i>  | 3082 Environmentally hazardous substance, liquid,<br>n.o.s.,(3-(5,5,6-Trimethylbicyclo[2.2.1]hept-2-yl)cyclohexan-1-ol), 9, III |
| <i>Maritime Transport IMDG :</i> | 3082 Environmentally hazardous substance, liquid,<br>n.o.s.,(3-(5,5,6-Trimethylbicyclo[2.2.1]hept-2-yl)cyclohexan-1-ol), 9, III |
| <i>Marine pollutant :</i>        |                                                                                                                                 |
| <i>Air Transport IATA :</i>      | 3082 Environmentally hazardous substance, liquid,<br>n.o.s.,(3-(5,5,6-Trimethylbicyclo[2.2.1]hept-2-yl)cyclohexan-1-ol), 9, III |

# ISOBORNYL CYCLOHEXANOL

## **LEGISLATION :**

JECFA n° : Not listed  
DSL (Canada) : Listed  
AICS (Australian Invent. Chem. Subs.) : Listed  
RIFM - ID N° : 5297  
ECSI (Taiwan) : Listed  
ISHL (Japan) : Not listed  
JAPON n° ENCS : 4-1219 / 4-605  
ENCS (Japan) n° : Not listed  
NEPA (China) : CB7114504  
TSCA (Toxic Substances Control Act - USA) : Listed  
PICCS (Philippines) : Listed  
NZIoC (New Zealand) : Listed  
ECL (Corée du Sud) n° : Not listed  
IECSC (China) : Listed  
FLAVIS : Not listed  
FEMA : Not listed  
EINECS (EU) : 222-294-1  
COE (Council of Europe) : Not listed  
C.A.S : 3407-42-9

## **Labeling :**



ED12 Serious eye damage / eye irritation 2  
EHC2 Hazardous to the aquatic environment, long-term hazard 2



H319 - Causes serious eye irritation.  
H411 - Toxic to aquatic life with long lasting effects.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.