

**PCW**

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**Technical Data Sheet****ISO MYRCETONE GAMMA**

Manufacture PCW

Reference : ISO MYRCETONE GAMMA

**1 - TECHNICAL DATA**

|                                         |                                                                                                                                                                                                                      |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>I.N.C.I. :</i>                       | tetramethyl acetyl octahydronaphthalenes                                                                                                                                                                             |
| <i>IUPAC Name :</i>                     | 1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-acetonaphthalenone                                                                                                                                                   |
| <i>Chemical / REACH name :</i>          | 7-Acetyl, 1,2,3,4,5,6,7,8-Octahydro, 1,1,6,7-tetra Methyl Naphthalene                                                                                                                                                |
| <i>Synonyms :</i>                       | Iso e super; Iso Myrcetone; OTNE; Amber gamma; Boisvelone; Orbitone; Iso Velvetone; Patchouli Ethanone; 1,2,3,4,5,6,7,8-Octahydro, 2,3,8,8-Tetramethyl, 2-Naphthyl Ethanone; Iso Amber Super; Amber fleur; Anthamber |
| <i>Molecular formula :</i>              | C <sub>16</sub> H <sub>26</sub> O                                                                                                                                                                                    |
| <i>Molecular weight :</i>               | 234.4                                                                                                                                                                                                                |
| <i>Origin raw material :</i>            | Synthetic                                                                                                                                                                                                            |
| <i>Origine géographique :</i>           | India                                                                                                                                                                                                                |
| <i>Use of the substance / mixture :</i> | Industrial use only                                                                                                                                                                                                  |
| <i>End use :</i>                        | Fragrances / Cosmetic                                                                                                                                                                                                |
| <i>Use level max. recom. :</i>          | -                                                                                                                                                                                                                    |
| <i>Anti-oxydant(s) :</i>                | None                                                                                                                                                                                                                 |
| <i>Water solubility :</i>               | No                                                                                                                                                                                                                   |
| <i>Solubility in alcohol (°) :</i>      | Yes                                                                                                                                                                                                                  |
| <i>Ref code :</i>                       | ISG-2                                                                                                                                                                                                                |

**1.1 - ANALYTICAL DATA**

|                                       |                           |
|---------------------------------------|---------------------------|
| <i>Appearance :</i>                   | Liquid                    |
| <i>Color :</i>                        | Colorless to clear yellow |
| <i>Odour :</i>                        | Woody, floral, ambergris  |
| <i>Relative density @ 25°C :</i>      | [0.958 ; 0.968]           |
| <i>Indice de réfraction à 25°C :</i>  | [1.495 ; 1.500]           |
| <i>Acid Value :</i>                   | [0.0 ; 1.0 mgKOH/g]       |
| <i>Melting point (°C) :</i>           | -20                       |
| <i>Boiling point (°C) :</i>           | 290.4                     |
| <i>Flash point (°C) (close cup) :</i> | 134                       |
| <i>Ignition temperature :</i>         | -                         |
| <i>Purity (%) :</i>                   | [90.0 ; 100.0]            |
| <i>Impurities &gt;0.01% :</i>         | -                         |

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|               |                                         |
|---------------|-----------------------------------------|
| Peak #1 (%) : | [Ketone A : 3.0 ; 5.0]                  |
| Peak #2 (%) : | [Ketone B (beta isomer) : 30.0 ; 50.0]  |
| Peak #3 (%) : | [Ketone D (alpha isomer) : 15.0 ; 26.0] |
| Peak #4 (%) : | [Ketone H (gamma isomer) : 10.0 ; 20.0] |
| Viscosity :   | 32.61 mPas @ 20°C                       |

## **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 :                                      | Restricted (50th Am.)                     |
| CMR (Reg. 1223/2009/EEC) :                  | See certificate                           |
| Statut kosher :                             | Certified                                 |
| Halal status :                              | In compliance with the religious concepts |
| CAS number :                                | 54464-57-2; 68155-66-8; 68155-67-9        |
| ISO 16128 :                                 | The Natural Origin Index is: Ino= 0.75.   |
| Animal testing :                            | This product was not tested on animals.   |
| Nanoparticle :                              | Not concerned                             |

## **2.1 - REGULAR DATA FLAVOURS**

|                                          |                                                                                                           |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Ionization :                             | Not submitted to a processing of ionization                                                               |
| REG. 872/2012 CE Annex 1 :               | Not listed                                                                                                |
| Genetically Modified Organisms (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 |
| Vegan :                                  | Yes                                                                                                       |

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

|                      |                                            |
|----------------------|--------------------------------------------|
| Custom tariff :      | 2914 29 90 00                              |
| Tunnel codes ADR :   | 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 :  | 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Tetramethyl acetyl octahydronaphthalenes), 9, III |
| Maritime Transport IMDG : | 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Tetramethyl acetyl octahydronaphthalenes), 9, III |
| Marine pollutant :        | Yes                                                                                                        |
| Air Transport IATA :      | 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Tetramethyl acetyl octahydronaphthalenes), 9, III |

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## LEGISLATION :

ENCS (Japan) n° : Not listed  
RIFM - ID N° : 1307  
PICCS (Philippines) : Listed  
NZIoC (New Zealand) : Listed  
TCSI (Taiwan) : Listed  
TSCA (Toxic Substances Control Act - USA) : Listed  
NEPA (China) : CB4222314  
FDA : Not listed  
KECI : KE-26601  
ISHL (Japan) : Not listed  
IECSC (China) : Listed  
AICS (Australian Invent. Chem. Subs.) : Listed  
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed  
DSL (Canada) : Listed  
FLAVIS : Not listed  
JECFA n° : Not listed  
COE (Council of Europe) : Not listed  
FEMA : Not listed  
EINECS (EU) : 259-174-3; 268-978-3; 268-979-9  
C.A.S : 54464-57-2 68155-66-8 68155-67-9

## Labeling :



EHC1 Hazardous to the aquatic environment, long-term hazard 1  
SC12 Skin corrosion / irritation 2  
SS1B Sensitisation, skin 1B



H315 - Causes skin irritation.  
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+P363 - Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.  
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.