



PCW

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Technical Data Sheet

C06 HEXYL ALDEHYDE NAT

Manufacture PCW

Reference : C06 HEXYL ALDEHYDE NAT

1 - TECHNICAL DATA

| | |
|---|----------------------------------|
| <i>I.N.C.I. :</i> | Hexanal |
| <i>IUPAC Name :</i> | Caproic Aldehyde |
| <i>Chemical / REACH name :</i> | Hexanal |
| <i>Synonyms :</i> | n-Hexyl aldehyde ; Aldehyde C6 |
| <i>Molecular formula :</i> | C6 H12 O |
| <i>Molecular weight :</i> | 100.16 (litt) |
| <i>Origin raw material :</i> | 100% natural |
| <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> | Non soluble |
| <i>Solubility in alcohol (°) :</i> | Yes |

1.1 - ANALYTICAL DATA

| | |
|---------------------------------------|--|
| <i>Appearance :</i> | Liquid |
| <i>Color :</i> | Colourless |
| <i>Odour :</i> | Conform to the commercial description. |
| <i>Density at 20°C :</i> | [0.814 ; 0.824] |
| <i>Refractive index @ 20°C :</i> | [1.400 ; 1.408] |
| <i>Acid Value :</i> | - |
| <i>Melting point (°C) :</i> | - |
| <i>Boiling point (°C) :</i> | - |
| <i>Flash point (°C) (close cup) :</i> | 23 |
| <i>Ignition temperature :</i> | - |
| <i>Purity (%) :</i> | [97.0 ; 100.0] |
| <i>Impurities >0.01% :</i> | - |

1.5 VLEP

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

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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 : No restrictions (49th Am.)
CMR (Reg. 1223/2009/EEC) : See certificate
Statut kosher : -
Halal status : -
CAS number : 66-25-1

2.1 - REGULAR DATA FLAVOURS

Ionization : Not submitted to a processing of 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

Custom tariff : 2912 19 00 90
Tunnel codes ADR : D/E
Shelf life : 12 months, according to storage conditions
Precautions of use : Avoid any direct contact with the product.

4.1 - STORAGE

Storage : Store in cool place (5°C max.), in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

Transport :

Land Transport ADR/RID : 1207 HEXALDEHYDE, 3, III
Maritime Transport IMDG : 1207 HEXALDEHYDE, 3, III
Marine pollutant :
Air Transport IATA : 1207 HEXALDEHYDE, 3, III

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LEGISLATION :

NEPA (China) : CB9854088

IECSC (China) : Listed

AICS (Australian Invent. Chem. Subs.) : Listed

PICCS (Philippines) : Listed

NZIoC (New Zealand) : Listed

TSCA (Toxic Substances Control Act - USA) : Listed

DSL (Canada) : Listed

ISHL (Japan) : Not listed

TCSI (Taiwan) : Listed

ENCS (Japan) n° : (2)-494

FLAVIS : 05.008

FDA : 172.5156

EINECS (EU) : 200-624-5

FEMA : 2557

JECFA n° : 92

KECI : KE-18623

NDSL/LES (Canada - Non-domestic Substances List) : Not Listed

RIFM - ID N° : 258

COE (Council of Europe) : 96

C.A.S : 66-25-1