

PCW

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Technical Data Sheet

EUCALYPTOL NATUREL EX-EUCALYPTUS

Manufacture PCW

Reference : EUCALYPTOL NATUREL EX-EUCALYPTUS

1 - TECHNICAL DATA

I.N.C.I. : Eucalyptol
IUPAC Name : 1,3,3-Trimethyl-2-oxabicyclo[2.2.2]octane; 1,8-Cineole
Chemical / REACH name : 1,3,3-Trimethyl-2-oxabicyclo[2.2.2]octane; 1,8-Cineole
Synonyms : 1,8-cinéol; 1,3,3-Trimethyl-2-oxabicyclo[2.2.2]octane; 1,8-Epoxy-p-menthane;
1,8-Oxido-p-menthane; 2-Oxabicyclo[2.2.2]octane, 1,3,3-trimethyl-Cajeputol; Cineole
Molecular formula : C10 H18 O
Molecular weight : 154.25
Origin raw material : 100% natural (Vegetal source)
Origine géographique : China
Use of the substance / mixture : Industrial use only
End use : Fragrances / Cosmetic
Use level max. recom. : 1%
Anti-oxydant(s) : None
Water solubility : No
Solubility in alcohol (°) : Yes
Ref code : ECNAT-1

1.1 - ANALYTICAL DATA

Appearance : Liquid
Colour : Colourless to pale yellow
Odour : Camphoraceous, fresh, eucalyptus
Density at 20°C : [0.912 ; 0.940]
Refractive index @ 20°C : [1.449 ; 1.469]
Acid Value : -
Melting point (°C) : -
Boiling point (°C) : [175 ; 200]
Flash point (°C) (close cup) : 48
Ignition temperature : -
Purity (%) : [99.00 ; 100.00]
Impurities >0.01% : -

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Optical rotation (°) : [-0.5 ; 0.5]

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

Low VOC (CARB) : 100%

Reg. 1223/2009 & mod. : See certificate

Allergens SCCNFP List : See certificate

IFRA : No restrictions (50th Am.)

CMR (Reg. 1223/2009/EEC) : See certificate

Statut kosher : Certified

Halal status : In compliance with the religious concepts

CAS number : 470-82-6

Nanomaterials : Not concerned

2.1 - REGULAR DATA FLAVOURS

Ionization : -

REG. 872/2012 CE Annex 1 : Listed

GMO (Reg (EC) 1829/2003 & 1830/2003) : -

Bovine Spongiform Encephalopathy (BSE) : Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process

Foodgrade certificate : Certified

Natural status (Reg. 1334/2008/EC) : Natural flavouring substance

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2932 99 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 at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

Transport :

Land Transport ADR/RID : 1987 ALCOHOLS, N.O.S.(1.8-Cineole), 3, III

Maritime Transport IMDG : 1987 ALCOHOLS, N.O.S.(1.8-Cineole), 3, III

Marine pollutant : No

Air Transport IATA : 1987 ALCOHOLS, N.O.S.(1.8-Cineole), 3, III

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LEGISLATION :

PICCS (Philippines) : Listed
ISHL (Japan) : Not listed
ENCS (Japan) n° : (9) -1538
NZIoC (New Zealand) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
IECSC (China) : Listed
FEMA : 2465
AICS (Australian Invent. Chem. Subs.) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
FLAVIS : 03.001
JECFA n° : 1234
RIFM - ID N° : 333
TCSI (Taiwan) : Listed
NEPA (China) : CB2853653
FDA : 172.515
COE (Council of Europe) : 182
EINECS (EU) : 207-431-5
KECI : KE-34618
C.A.S : 470-82-6

Labeling :



EHC3 Hazardous to the aquatic environment, long-term hazard 3
FL3 Flammable Liquids 3
SS1 Sensitisation skin 1



H226 - Flammable liquid and vapour.
H317 - May cause an allergic skin reaction.
H412 - Harmful to aquatic life with long lasting effects.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240+P241 - Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/.../equipment.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
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.