

**PCW**

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Technical Data Sheet**PTBCHA**

Manufacture PCW

Reference : PTBCHA

1 - TECHNICAL DATA

Ref code :	PT-1
IUPAC Name :	4-tert-Butylcyclohexyl Acetate; Oryclon; Vertenex
I.N.C.I. :	4-tert-Butylcyclohexyl Acetate
Chemical / REACH name :	4-t-Butylcyclohexyl acetate
Synonyms :	PTBCHA ; Vertenex
Molecular formula :	C ₁₂ H ₂₂ O ₂
Molecular weight :	198.31
Origin raw material :	Synthetic
Use of the substance / mixture :	Industrial use only
End use :	Fragrances / Cosmetics
Use level max. recom. :	10% (recom.)
Anti-oxydant(s) :	-
Solubility in alcohol (°) :	Yes
Water solubility :	No
Solvent(s) :	None

1.1 - ANALYTICAL DATA

Appearance :	Liquid or opaque crystalline mass (supercooling nature)
Color :	Colourless
Odour :	Sweet, fruity, woody floral
Relative density 20°C :	[0.935 ; 0.939]
Densité à 20/4°C :	[0.934 ; 0.941]
Relative density @ 25°C :	[0.932 ; 0.936]
Refractive index @ 20°C :	[1.450 ; 1.454]
Refractive index at 25°C :	[1.448 ; 1.452]
Acid Value :	[0 ; 1.0 mgKOH/g]
Flash point (°C) (close cup) :	104
Boiling point (°C) :	243
cis Isomer % :	[27.0 ; 32.0]
trans Isomer % :	[60.0 ; 77.0]

PTBCHA

Somme of isomers (by G.C.) (%) [98.5 ; 100.0]
:

Impurities >0.01% :
Para tertiary butyl cyclohexanol < 0.2% ;
Para tertiary butyl cyclohexanone < 0.5% ;
Ortho tertiary butyl cyclohexyl acetate < 0.2% ;
Meta tertiary butyl cyclohexyl acetate < 0.5%

Melting point (°C) : <50°C

Ignition temperature : 390°C

1.2 - ANALYTICAL DATA SPECIFIC

Arsenic (As) : <3 mg/kg

Mercury (Hg) : <1 mg/kg

Pesticides résiduels : Free from pesticides and pesticide residues

Cadmium (Cd) : <1 mg/kg

Lead (Pb) : <10 mg/kg

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

Statut kosher : Certified

Halal status : In compliance with the religious concepts

Allergens SCCNFP List : See certificate

IFRA : No restrictions (50th Am.)

VOC Swiss - Annex 1 : Not listed

LVP-VOC / INORGANIC /
EXEMPTED VOC (CARB) : 100%

CMR (76/768/EEC) : No

CAS number : 32210-23-4

Nanoparticle : No

Reg. 1223/2009 & mod. : See certificate

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

2.1 - REGULAR DATA FLAVOURS

Ionization : -

REG. 872/2012 CE Annex 1 : Not listed

Genetically Modified Organisms
(GMO) : Does not result / does not contain 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

4 - TRANSPORT - HANDLING - STORAGE

Shelf life : 24 months, according to storage conditions

Custom tariff : 2915 39 00 10

Tunnel codes ADR : /

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.

PTBCHA

Transport :

Land Transport ADR/RID : NR Not regulated for transport

Maritime Transport IMDG : NR Not regulated for transport

Marine pollutant : No

Air Transport IATA : NR Not regulated for transport

LEGISLATION :

EPA N° : Not listed

ENCS (Japan) n° : (3)-2356

EINECS (EU) : 250-954-9

KECI : KE-11375

COE (Council of Europe) : Not listed

TCSI (Taiwan) : Listed

IECSC (China) : Listed

TSCA (Toxic Substances Control Act - USA) : 32210-23-4

JECFA n° : Not listed

DSL (Canada) : Listed

NZIoC (New Zealand) : Listed

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

RIFM - ID N° : 112

FLAVIS : Not listed

FEMA : Not listed

FDA : Not listed

Swiss Giftliste 1 : Listed

NEPA (China) : CB7218990

PICCS (Philippines) : Listed

N° REACH UK : UK-01-4777126426-5-xxxx

C.A.S : 32210-23-4

Labeling :



SS1 Sensitisation skin 1

H317 - May cause an allergic skin reaction.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 - Contaminated work clothing should not be allowed out of the workplace.

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.

P363 - Wash contaminated clothing before reuse.

P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.