

**PCW**

45 Boulevard Marcel PAGNOL

06130 GRASSE - FRANCE

Tel : +33 (0)4 92 42 35 00 Fax: +33 (0)4 92 42 35 19

Site : www.pcwfrance.com Mail : info@pcwfrance.com

Technical Data Sheet**PTBCHA**

Manufacture PCW

Reference : PTBCHA

TECHNICAL DATA

<i>Ref code :</i>	PT-1
<i>IUPAC Name :</i>	4-tert-Butylcyclohexyl Acetate; Oryclon; Vertenex
<i>I.N.C.I. :</i>	4-tert-Butylcyclohexyl Acetate
<i>Chemical / REACH name :</i>	4-t-Butylcyclohexyl acetate
<i>Molecular formula :</i>	C ₁₂ H ₂₂ O ₂
<i>Process :</i>	-
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetics
<i>Origine géographique :</i>	India
<i>Solvent(s) :</i>	None
<i>CAS number :</i>	32210-23-4
<i>Nanomaterials :</i>	No
<i>Ionization :</i>	Not submitted to a processing of ionization
<i>GMO (Reg (EC) 1829/2003 & 1830/2003) :</i>	Does not result / does not contain GMO

ANALYTICAL DATA

<i>Appearance :</i>	Liquid or opaque crystalline mass (supercooling nature)
<i>Colour :</i>	Colourless
<i>Odour :</i>	Sweet, fruity, woody floral
<i>Relative density 20°C :</i>	[0.935 ; 0.939]
<i>Densité à 20/4°C :</i>	[0.934 ; 0.941]
<i>Relative density @ 25°C :</i>	[0.932 ; 0.936]
<i>Refractive index @ 20°C :</i>	[1.450 ; 1.454]
<i>Refractive index at 25°C :</i>	[1.448 ; 1.452]
<i>Flash point (°C) (close cup) :</i>	104
<i>cis Isomer % :</i>	[27.0 ; 32.0]
<i>trans Isomer % :</i>	[60.0 ; 77.0]
<i>Somme of isomers (by G.C.) (%) :</i>	[98.5 ; 100.0]
<i>Purity (%) :</i>	[98.5 ; 100]

PTBCHA

ANALYTICAL DATA SPECIFIC

Pesticides résiduels : Free from pesticides and pesticide residues.

COSMETIC REGULAR DATA

Statut kosher : In compliance with kosher requirements

Halal status : Complies with halal requirements

CMR (76/768/EEC) : No

Huile de palme ou dérivés : Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.

ISO 16128 : 0% of natural origin

Animal testing : In accordance with Article 18 of the Cosmetic Regulation (EC) No 1223/2009

ISO 9235 : Not concerned

REGULAR DATA FLAVOURS

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

TRANSPORT - HANDLING - STORAGE

Shelf life : 24 months, according to storage conditions

Custom tariff : 2915 39 80 00

Precautions of use : Avoid any direct contact with the product.

Storage : Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

LEGISLATION :

PICCS (Philippines) : Listed

NEPA (China) : CB7218990

Swiss Giftliste 1 : Listed

FDA : Not listed

FEMA : Not listed

FLAVIS : Not listed

RIFM - ID N° : 112

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

NZIoC (New Zealand) : Listed

DSL (Canada) : Listed

JECFA n° : Not listed

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

IECSC (China) : Listed

TCSI (Taiwan) : Listed

COE (Council of Europe) : Not listed

KECI : KE-11375

EINECS (EU) : 250-954-9

ENCS (Japan) n° : (3)-2356

EPA N° : Not listed

C.A.S : 32210-23-4