

**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**PTBC HEXANOL**

Manufacture PCW

Reference : PTBC HEXANOL

1 - TECHNICAL DATA

<i>Ref code :</i>	PATCH-1
<i>I.N.C.I. :</i>	4-t-Butylcyclohexanol
<i>IUPAC Name :</i>	4-(1,1-dimethylethyl)-Cyclohexanol
<i>Chemical / REACH name :</i>	4-tert-butyl cyclohexanol
<i>Synonyms :</i>	PTBCH, p-tert-butyl cyclohexanol, patchone, patchouli hexanol, patchona cruda
<i>Molecular formula :</i>	C ₁₀ H ₂₀ O
<i>Molecular weight :</i>	156.2
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes
<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>	-
<i>Origin raw material :</i>	Synthetic
<i>Origine géographique :</i>	India

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Flakes or powder
<i>Color :</i>	White
<i>Odour :</i>	Woody, Pine-like, Balsamic, camphoraceous
<i>Density at 20°C :</i>	-
<i>Refractive index @ 20°C :</i>	-
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	[60 ; 69]
<i>Boiling point (°C) :</i>	218.6
<i>Flash point (°C) (close cup) :</i>	105
<i>Peak #1 (%) :</i>	[p-t-Butyl phenol ; 0.20 max]
<i>Peak #2 (%) :</i>	[p-t-Butyl Cyclohexanone ; 0.50 max]
<i>Peak #3 (%) :</i>	[p-t-Butyl Cyclohexane ; 0.50 max]
<i>cis Isomer % :</i>	[26 ; 30]

PTBC HEXANOL

Somme of isomers (by G.C.) (%) 98.5%
:

Impurities >0.01% : -
Ignition temperature : -
Viscosity : 10 cSt (80°C)
Purity (%) : [98.5 ; 100]
Water (KF) % : 0.30 % max

1.5 VLEP

VLEP (8h) mg/m3 (98/24/CE) : No data
VLEP short term 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.)
CAS number : 98-52-2
VOC Swiss - Annex 1 : Not listed
Low VOC (CARB) : 100%
Reg. 1223/2009 & mod. : See certificate
CMR (Reg. 1223/2009/EEC) : See certificate

2.1 - REGULAR DATA FLAVOURS

Genetically Modified Organisms (GMO) : Does not result / does not contain GMO
Bovine Spongiform Encephalopathy (BSE) : -
Vegan : Yes

4 - TRANSPORT - HANDLING - STORAGE

Tunnel codes ADR : /
Custom tariff : 2906 19 00 50
Shelf life : 24 months, according to storage conditions
Precautions of use : Avoid any direct contact with the product.

4.1 - STORAGE

Storage : Store in a dry local in tightly sealed original container. Avoid prolonged exposure to light, humidity and air.

Transport :

Land Transport ADR/RID : NR Not regulated for transport
Maritime Transport IMDG : NR Not regulated for transport
Marine pollutant :
Air Transport IATA : NR Not regulated for transport

PTBC HEXANOL

LEGISLATION :

TSCA (Toxic Substances Control Act - USA) : Listed
RIFM - ID N° : 377
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
NEPA (China) : CB0105660 ; CB4108533
TCSI (Taiwan) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
JECFA n° : Not listed
ISHL (Japan) : 3-2301
IECSC (China) : Listed
FLAVIS : Not listed
FEMA : 4724
FDA : Not listed
ENCS (Japan) n° : (3)-2301
ELINCS (EU) : Not listed
EINECS (EU) : 202-676-4
KECI : KE-04251
COE (Council of Europe) : Not listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
C.A.S : 98-52-2 21862-63-5

Labeling :



ED12 Serious eye damage / eye irritation 2

H319 - Causes serious eye irritation.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 - If eye irritation persists: Get medical advice/attention.

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