

**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**BUTYL HYDROXYTOLUENE**

Manufacture PCW

Reference : BUTYL HYDROXYTOLUENE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	BHT
<i>IUPAC Name :</i>	2,6-Di-tert-butyl-p-cresol
<i>Chemical / REACH name :</i>	2,6-di-tert-butyl-p-cresol
<i>Synonyms :</i>	BHT; butylhydroxytoluenum; butyl hydroxytoluene; E 321
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-
<i>Molecular formula :</i>	C ₁₅ H ₂₄ O
<i>Molecular weight :</i>	220.36
<i>Origin raw material :</i>	Synthetic
<i>Anti-oxydant(s) :</i>	None
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Crystals, powder
<i>Color :</i>	Colorless to pale yellow
<i>Odour :</i>	-
<i>Flash point (°C) (close cup) :</i>	114
<i>Melting point (°C) :</i>	[69 ; 71]
<i>Purity (%) :</i>	[99 ; 100]
<i>Boiling point (°C) :</i>	265
<i>Density 20/20°C :</i>	[1.030 ; 1.050]
<i>Refractive index @ 20°C :</i>	-
<i>Acid Value :</i>	-
<i>Ignition temperature :</i>	-
<i>Impurities >0.01% :</i>	-

1.2 - ANALYTICAL DATA SPECIFIC

<i>Arsenic (As) :</i>	< 3 ppm
<i>Lead (Pb) :</i>	< 10 ppm

BUTYL HYDROXYTOLUENE

Mercury (Hg) : < 1 ppm

Cadmium (Cd) : < 1 ppm

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

CAS number : 128-37-0

VOC Swiss - Annex 1 : Not listed

LVP-VOC / INORGANIC / EXEMPTED VOC (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 : -

Hallal status : In compliance with the religious concepts

Nanoparticle : Not concerned

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 : Not listed

Foodgrade certificate : Certified

Genetically Modified Organisms (GMO) : -

Bovine Spongiform Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2907 19 90 90

Tunnel codes ADR : 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 : 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Butyl hydroxytoluene), 9, III

Maritime Transport IMDG : 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Butyl hydroxytoluene), 9, III

Marine pollutant : Yes

Air Transport IATA : 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Butyl hydroxytoluene), 9, III

BUTYL HYDROXYTOLUENE

LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed
ECL (Corée du Sud) n° : KE-03079
ECSI (Taiwan) : Listed
EINECS (EU) : 204-881-4
ENCS (Japan) n° : (3)-540, (9)-1805
FDA : 172.115
FEMA : 2184
FLAVIS : Not listed
IECSC (China) : Listed
ISHL (Japan) : Not listed
JECFA n° : Not listed
DSL (Canada) : Listed
NEPA (China) : CB8355755
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
COE (Council of Europe) : Not listed
TSCA (Toxic Substances Control Act - USA) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
C.A.S : 128-37-0

Labeling :



EHA1 Hazardous to the aquatic environment, acute hazard 1
EHC1 Hazardous to the aquatic environment, long-term hazard 1

H410 - Very toxic to aquatic life with long lasting effects.

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