

**p - t e r t - B U T Y L P H E N O L**

**CAS N°:** 98-54-4

**Empirical formula:** C<sub>10</sub>H<sub>14</sub>O  
HO-C<sub>6</sub>H<sub>4</sub>-C(CH<sub>3</sub>)<sub>3</sub>

**Synonyms:** 4-tert-Butylphenol  
4-(1,1-Dimethylethyl) phenol  
1-Hydroxy-4-tert-butylbenzene  
Phenol, 4-(1,1-dimethylethyl)-  
Phenol, p-tert-butyl

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**History:** Initial reviews: June 1975

Current revision date: September 2002

**Implementation date:** for new submissions\*: Not applicable  
for existing fragrance compounds\*: Not applicable

**Next review date:** Not applicable

\* This date applies to the supply of fragrance compounds (formulas) only, not to the finished products in the marketplace.

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**STANDARD:** PROHIBITED – Should not be used as a fragrance ingredient.

**RESTRICTIONS:**

**Limits in the finished product:**

**Skin-contact products:**

Leave-on products: Not applicable      Rinse-off products: Not applicable  
*including household cleaning products*

**Non skin-contact products:** Not applicable

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**Note box:**

**Fragrance material specification:** Not applicable

**Contribution from other sources:** None to consider (see also the note on contributions from other sources in the Introduction to the IFRA Standards)

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**Critical effect:**      **Sensitization and depigmentation**

**Rexpan Rationale / Conclusion:**

IFRA ban noted – REXPAN, September 2002.

**References:**

Opdyke, D.L.J. (1975), Food and Chemical Toxicology 12, 835.

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