RATNAGIRI CHEMICALS PVT. LTD.

RCP-BHT

Butylated Hydroxy Toluene

TECHNICAL DATA SHEET

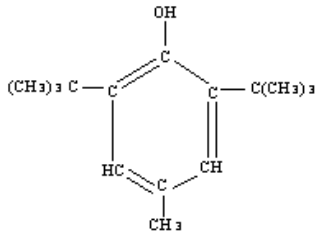
Basic Information:

Synonyms: 2,6 Di-tert-butyl-para cresol (2,6 DBPC)

Purity: 99.0 min.

Molecular Weight: 220.35

CAS No. 128-37-0



Properties:

Property	Specification
Color	50 APHA max.
Appearance	White Crystalline Solid
Sulphated Ash % wt.	0.01% max
Moisture % wt.	0.1% max
Residue on Ignition	0.002% max.
Arsenic	3 ppm max.
Heavy Metal	10 ppm max.
Freezing Point	69 °C min.
Boiling Point	265 °C @760 mm 190 °C @100 mm
Flash Point ASTM D-93-73	118.3 °C
Refractive Index	1.486
Bulk Density	37.5 lb /ft^3
Viscosity	3.5 @80°C

Application:

The antioxidant activity of BHT can be transferred to baked products if it is used as an antioxidant in the shortenings used in their manufacture. BHT acts as a synergist with BHA and mixtures of these antioxidants are commonly used for stabilising fats and oils as given weight of the mixture imparts a greater stability to the fat or oil than would the same weight of BHT or BHA if used individually.

BHT is a particularly good antioxidant for stabilizing meat, fish and bone meals. BHT may be used, either alone or in combination with BHA, to stabilise edible tallows and fats, fish and fish liver oils, vitamins and essential oils.

The maximum usage levels weight % of fat or oil as permissible by FDA and USDA are 0.02 and 0.01 respectively.

Technical grade BHT can be used effectively in plastics and rubber industry. It is also a very effective antioxidant for lubricating oils, specialty oils, synthetic lubricants, motor gasoline, aviation turbine fuels, transformer oils, feed and forage products, industrial fats, fatty acids, paraffin waxes etc.

Shelf Life: One year if stored in a cool, dark place in an air tight sealed container.

Packaging: RCPL BHT is available in 5 Kg cartons and 25 kg paper sacks. (Any other type of packing will be considered on request.)

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