



Specialized in chemicals

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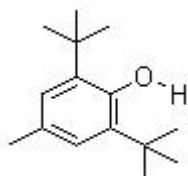
Site: www.tnjchem.com

Technical Data Sheet

BHT

Product Information

Chemical Name	2,6-Di-tert-butyl-4-methylphenol
CAS #	128-37-0
EINECS	204-881-4
Formula	C ₁₅ H ₂₄ O
Molecular Weight	220.35
Synonyms	Butylated Hydroxytoluene, butylated hydroxytoluene, BHT
Chemical structure	



Description

White Crystal, Soluble in benzene, toluene, methanol, methyl ethyl ketone, ethanol, isopropanol, petroleum ether, flaxseed oil, insoluble in water and 10 °C caustic soda solution.

Physical Properties

Color: White Crystal
Solubility, @25 °C: Methanol: 0.1 g/mL, clear, colorless
Melting Point: 69~73 °C (lit.)
Boiling Point: 265 °C (lit.)
Vapor Pressure, @20 °C: <0.01 mmHg
Flash Point, (TCC): 126 °C
Refractive Index: 1.4859
Density, @25 °C: 1.048

Specification

<u>Item</u>	<u>Specifications</u>
Appearance	White crystal
Assay (GB),%	99.5~99.98
Initial Melting Point(GB), °C	69.0~70.0
Free phenol(GB), % (m/m)	0.007~0.015
Ash(GB),%	0.002~0.005
Water(GB), %	0.002~0.05

Safety

Corrosive,heat and light sensitive. Reacts vigorously with oxidizing agents.
Always refer to the Material Safety Data Sheet (MSDS)

Applications

It can be used in/as:

- Organic synthesis
- Protective Agent of plastic and rubber
- Antioxidant of petroleum products,Fuel,rubber,plastics,food,feed,drugs and etc.

Packaging

25kg per bag
16 mt per 20ft container with pallets

Storage & Handling

Keep container dry. Keep container tightly closed, in a cool, well-ventilated area.
Keep away from extreme heat and oxidizing agents.
Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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