



*Specialized in chemicals*

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center,  
Qianshan Rd. Hefei 230022 China

Tel : (0086) 551 65418677

Fax: (0086) 551 65418697

Email: info@tnjchem.com

Site: www.tnjchem.com

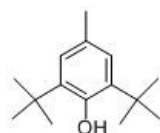
## Technical Data Sheet

**BHT**

### Product Information

Chemical Name 2,6-Di-tert-butyl-4-methylphenol,BHT

Chemical structure



CAS # 128-37-0

EINECS 204-881-4

Formula C<sub>15</sub>H<sub>24</sub>O

Molecular Weight 220.35

Synonyms Butylated Hydroxytoluene, butyleret hydroxytolue,BHT

### 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

BHT 99.5%

<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

### Applications

- 1) It can be used for organic synthesis
- 2) Used as protective Agent of plastic and rubber
- 3) Use as antioxidant of petroleum products,Fuel,rubber,plastics,food,feed,drugs and etc.

### Packaging

25kg per bag: PP plastic weaving bag or brown paper plastic bag  
Total 16 MT per 20ft container with pallets,18 MT without pallets

### Safety & Storage & Handling

Stable. Not a DOT controlled material (United States).  
Keep container dry. Keep container tightly closed, in a cool, well-ventilated area.  
Keep away from extreme heat and oxidizing agents.