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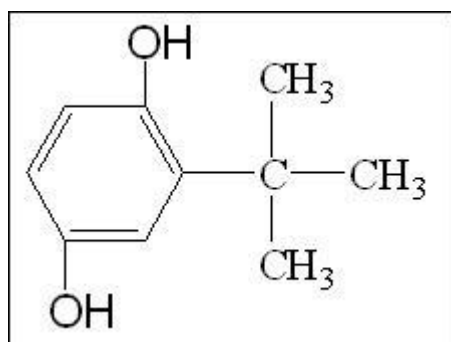
Site: www.tnjchem.com

## Technical Data Sheet

### Tert-Butylhydroquinone

#### Product Information

Chemical Name	Tert-Butylhydroquinone
CAS #	1948-33-0
Formula	C <sub>10</sub> H <sub>14</sub> O <sub>2</sub>
Molecular Weight	166.22
Synonyms	TBHQ, Tert-Butylhydroquinone
Chemical Structure	



#### Description

It is a kind of white to pale gray crystal or crystalline powder with a slight, unpleasant odor, which is dissolved in ethanol, acetic acid, ethyl ester, isopropyl alcohol, ether, and vegetable oil, lard, hardly soluble in water.

#### Physical Properties

Melting point, °C .	125--130
Boiling range, °C	273
Density	295
Flash point, °C	171

#### Specification

Industry details	
Appearance	White crystalline powder
Content, %	≥99.0
di-tert-butylhydroquinone, %	≤0.20

Tert-butylbenzoquinone, %	≤0.20
Hydroquinone, %	≤0.10
Toluene, %	≤0.00250
Heavy metals, %	≤0.00020
M.P., °C	126.5-128.5

#### Food details

Appearance	White or Yellowish Powder, no peculiar smell
PH	3.0-3.6
Ash	≤3%
Water	≤6%
pH	(10% sol.) 6.0 - 7.0
XOS2-7 Contents ( Dry Basis)	≥ 35g/100g
Arsenic	≤ 1.0 mg/kg
Lead	≤ 5.0 mg/kg
Cadmium	≤ 0.5 mg/kg
Coliform Bacteria	≤ 3000 MPN/100g
Total Plate Count	≤ 10000 cfu/g
Mold	≤ 500 cfu/g

#### Safety

Please avoid contact with eye and skin. Once contacted, flush with plenty of water immediately, if necessary, go to hospital for medical help.

Always refer to the Material Safety Data Sheet (MSDS)

#### Applications

Food areas: used as antioxidation for vegetable oil and fat, roasted food, fried food and meat products.

Agriculture areas: used as stabilizer for insecticide

Intermediate: for dye and pharmaceutical.

Also used as inhibitor for polyvinyl chloride and PVC fisheye resistant agent

#### Packaging

25kg per drum.

10mt per 20ft container

#### Storage & Handling

Store in a dry and shady place away from sunshine and heat. Once heated, it can release poison and pungent smog.

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

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party*

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