



## **Mono Tert ButylHydroquinone (TBHQ)**

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**Catalog Nr.** Q376

**Definition** SYNONYMS: tert-Butyl-1,4-Benzenediol; 2-tert-Butylhydroquinone; TBHQ; 2-(1,1-dimethylethyl)-1,4-Benzenediol; Mono-tert-butylhydroquinone; Mono-tert-butylhydroquinone; MTBHQ; Mono-tertiarybutylhydroquinone; 2-tert-Butyl-1,4-benzenediol; 2-tert-Butylhydroquinone

**CAS Number** 1948-33-0

**Application** Polymerisation Inhibitor for Resins & Unsaturated Polyester.

Tert-butylhydroquinone (TBHQ) is a white, crystalline solid having a characteristic odor. It is practically insoluble in water but soluble in alcohol and in ether. TBHQ is a general purpose antioxidant used to preserve various oils, fats and food items by retarding their oxidative deterioration. It is used in formulating varnish, lacquer, resins and oil field additives. It is used a fixative in perfumery to reduce the evaporation rate and improve stability. It is used as a stabilizer to inhibit the auto-polymerization of organic peroxides.

#### **Technical Data**

##### PROPERTIES

FLASH POINT	43 C
PHYSICAL STATE	white to light tan crystalline powder
MELTING POINT	126.5 - 128.5 C
BOILING POINT	273 C

**Packaging & Handling** 50 kg drums, 5 per pallet

<b>UN Number</b>	<b>Class</b>	<b>Packaging Group</b>
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#### **Remarks**