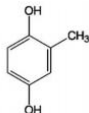


## Technical data sheet of 2-Methylhydroquinone

<b>Product Name</b>	2-Methylhydroquinone
<b>Identification</b>	Toluhydroquinone;2,5-Dihydroxytoluene;THQ;MeHQ
<b>Synonyms</b>	2-methyl-1,4-Benzenedio
<b>Molecular Formula</b>	C <sub>7</sub> H <sub>8</sub> O <sub>2</sub>
<b>Molecular Weight</b>	124.14g/mol
<b>CAS Number</b>	95-71-6
<b>EINECS Number</b>	202-443-7

**Structure****Specification**

Criteria	Requirements	Units
Appearance	white to off-white crystals	--
Assay	99.0 min	%
Melting Point/range	125.0-128.0	°C
Volatiles	0.5max	%
Ash	0.04max	%
Absorptions K	$\lambda=440\text{nm}$ 1.8max $\lambda=520\text{nm}$ 1.1max $\lambda=750\text{nm}$ 0.5max	

**Application**

An effective polymerization retarder and inhibitor for acrylonitrile and vinyl monomers, and a useful antioxidant for locate and linseed oil, etc. Also, used as a component of photographic developers and an intermediate of photographic agents.

**Packing and Storage**

Packing	In 25kgs cardboard drum or as required.
Storage	Keep container tightly closed in a dry and well-ventilated place.
Stability	Stable under ordinary conditions
Safety Information	UN 3077 for sea and road freight; UN 2811 for air freight.

**Physical Properties**

Flashpoint	172 °C $\perp$ Cleveland open cup
Boiling point/Boiling range	272°C
pKa(Predicted)	10.79 $\pm$ 0.18 $\perp$ Condition
Most Acidic Tem	25°C

**Solubility(25°C, g/100g, in)**

Water	8
Acetone	98
Ethyl acetate	38
Ethyl alcohol	35
Benzene	0.2