

## EFFULGENCE-TBC

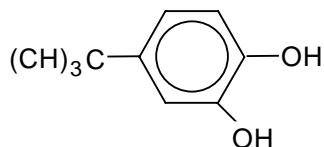
### Inhibitor

#### General

Effulgence-TBC is mainly used as high effective polymerization inhibitor in distillation or storage and transportation of alkenyl monomer, especially applies to styrene, butadiene, chloroprene, isoprene, chloroethylene and other monomer. It is also used as antioxidant of high polymer such as polyethylene, polypropylene, polychloroprene, nylon and synthetic rubber and the lubricating oil, edible oil and metallic soap as well as the stabilizer of multiple organic compounds.

#### Properties

Structure :



Chemical name : 4-Tert-Butylcatechol

CAS No. : 98-29-3

Molecular formula : C<sub>10</sub>H<sub>14</sub>O<sub>2</sub>

Molecular weight : 166.22

#### Physical data

Appearance : White to light yellow solid. Hygroscopic, absorbs moisture to form viscous liquid. Soluble in ether, alcohol, carbon tetrachloride, acetone, benzene and toluene, slight soluble in hot water.

Assay : ≥99%

Melting point : ≥53°C

Ash content : ≤0.2%

#### Uses

Antioxidant     Polymerization inhibitor     Chemical intermediate

#### Packaging

20kg fiber drum or 40kg fiber drum, Avoid knock, fire, insolation and rain. Kept in dry and ventilating place, far away from heat and fire.