

# PowerNox™ 2640 Phenolic Antioxidant

**Introduction** PowerNox™ 2640 is a lipophilic organic compound. It is a chemical derivative of phenol and has antioxidant properties.

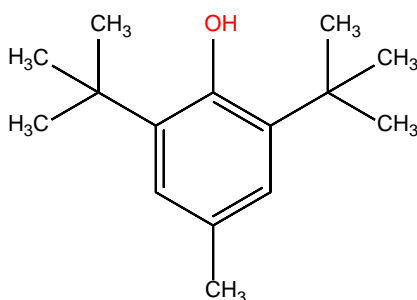
**Chemical Name** 2,6-Di-tert-butyl-4-methylphenol

Synonym: Butylhydroxytoluene, 3,5-Di-tert-butyl-4-hydroxytoluene  
Butylated hydroxytoluene, BHT

**CAS Number** 128-37-0

**EINECS Number** 204-881-4

**Chemical Structure**



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

**Molecular Weight** 220

**Physical Properties**

Appearance	White Powder
Melting Point [°C]	69-70
Volatile loss (%)	Max.0.3
Ash (%)	Max.0.1
Water content (%)	Max.0.1
Residue on ignition (%)	Max.0.002
Sulfate (%)	Max.0.002
Heavy metal (as Pb) (%)	Max.0.0004
Arsenic (as AS) (%)	Max.0.0001
Free phenol (%)	Max.0.02

## PowerNox™ 2640 Phenolic Antioxidant

Lead (ppm)	Max.5
Mercury (ppm)	Max.1
Purity (%)	Min.99.5

### Benefits & Applications

PowerNox™ 2640 can be used in small quantities as a food additive as an antioxidant. It is also used for cosmetics, pharmaceuticals and embalming fluid.

PowerNox™ 2640 is used as antioxygen in rubber, plastic stabilizer, gasoline, transformer oil, turbine oil, animal and plant oil, and food.

### Handling & Storage

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid continuous or repetitive breathing of dust. Use only with adequate ventilation. Protect skin. Avoid dust formation and ignition sources.

This product may be stored up to one year in a sealed container. Containers should be stored in a cool, dry area. Extended storage at elevated temperatures or exposure to direct heat or sunlight could reduce product life. Keep containers sealed when not in use.

For more detailed information please refer to the material safety data sheet.

### Packing

PowerNox™ 2640 is supplied in net weight 25kg fiber drum with PE liner.

### Note

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability.

We disclaim liability for any incidental or consequential damages.