

PowerNox™ 2640

New Materials Creating New Performances

**Quality Products.
Dependable Service.**

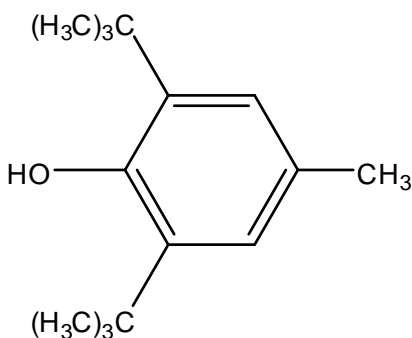
CHEMICAL NAME

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

Synonym: Butylhydroxytoluene; 3,5-Di-*tert*-butyl-4-hydroxytoluene;

BHT; Butylated hydroxytoluene

CHEMICAL STRUCTURE



INTRODUCTION

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

PHYSICAL PROPERTIES

CAS No.	128-37-0
EC No.	204-881-4
Formula	C ₁₅ H ₂₄ O
Molecular Weight	220
Melting Point(°C)	69-70
Volatile Loss (%)	Max.0.3
Appearance	White Powder

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Ash (%)	Max.0.1
Watercontent(%)	Max.0.1
Residue onignition(%)	Max.0.002
Sulfate(%)	Max.0.002
Heavymetal(as Pb)(%)	Max.0.0004
Arsenic(asAS)(%)	Max.0.0001
Freephenol(%)	Max.0.02
Lead(ppm)	Max.5
Mercury(ppm)	Max.1
Min. Purity	99.5%

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 AND 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.

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