

PowerNox™ 1135

New Materials Creating New Performances

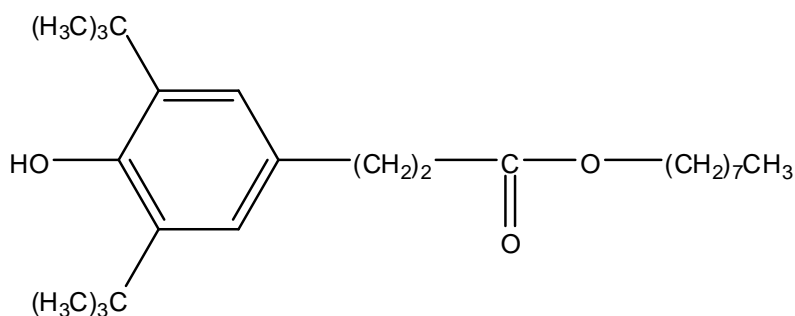
**Quality Products.
Dependable Service.**

CHEMICAL NAME

Octyl-3,5-di-tert-butyl-4-hydroxy-hydrocinnamate

Synonym: Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, C7-9-branched alkyl esters

CHEMICAL STRUCTURE



INTRODUCTION

PowerNox™ 1135 is a primary antioxidant for organic polymers. PowerNox™ 1135 exhibits a synergistic effect in combination with phosphites. And it is an Effective, non-discoloring stabilizer that provides excellent long term stability.

PHYSICAL PROPERTIES

CAS No.	125643-61-0
EC No.	406-040-9
Formula	C ₂₅ H ₄₂ O ₃
Molecular Weight	390
Flash Point(°C)	152
Viscosity(cps/25°C)	220
Specific Gravity (/20°C)	0.95-1.00
Appearance	Colorless to Slightly Yellow Liquid

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Water Content(%)	Max.0.1
Acid(mg KOH/g)	Max.1.00
Min. Purity	98%
Solubility (20°C)	% w/w
Acetone	>50
Benzene	>50
Chloroform	57
Ethyl acetate	>50
n-Hexane	>50
Methanol	>50
Dichloromethane	>50
Polyether Polyol	>50
Polyester Polyol	<10
Water	<0.01

APPLICATIONS

PowerNox™ 1135 can be used in a wide range of polymers such as PVC, ABS, PE, Rubbers such as SBR, BR & NBR, synthetic fibers, waxes, fats, oils and lubricants.

PowerNox™ 1135 can be used with benzotriazoles or HALS for thermal and light stabilization in outdoor applications.

PowerNox™ 1135 can be used combination with liquid PowerNox 1135.

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

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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™ 1135 is supplied in 200Kg Epoxy Coating Steel Drum.

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