

PowerSorb™ 326

New Materials Creating New Performances

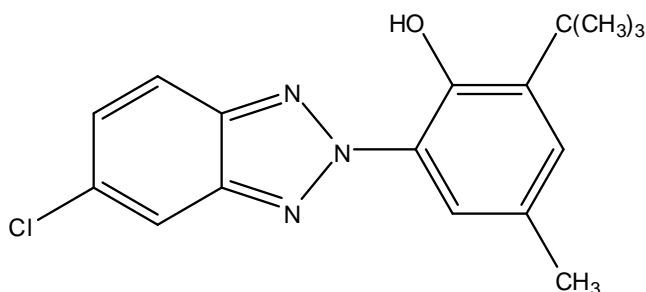
**Quality Products.
Dependable Service.**

CHEMICAL NAME

2-(2'-hydroxy-3'-t-butyl-5'-methylphenyl)-5-chlorobenzotriazole

Synonym: 2-tert-butyl-6-(5-chloro-2H-benzotriazol-2-yl)-4-methylphenol

CHEMICAL STRUCTURE



INTRODUCTION

PowerSorb™ 326 is a UV absorber of the hydroxyphenylbenzotriazole class, which imparts outstanding light stability to plastics and other organic substrates.

PHYSICAL PROPERTIES

CAS No.	3896-11-5
EC No.	223-445-4
Formula	C ₁₇ H ₁₈ N ₃ OCl
Molecular Weight	316
Density (20° C)	1.32g/cm ³
Melting Point	138-142°C
Flash Point	238°C DIN 51584
Vapor Pressure (20° C)	7.5E-7Pa
Volatile Loss (%)	Max.0.5
Color of Solution 460nm (%)	Min.97

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Color of Solution 500nm (%)	Min.98
Appearance	Pale Yellow Powder
Ash (%)	Max 0.1
Min. Purity	99%
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Solubility (20°C)	% w/w
Acetone	1.0
Benzene	10.5
Chloroform	11.0
Cyclohexane	6.4
Ethanol	0.1
Ethyl acetate	2.0
n-Hexane	1.0
Methanol	0.1
Dichloromethane	4.3
Toluene	11.3
MEK	13.3
Styrene	12.0
Mineral spirits	1.5
Water	<0.01

APPLICATIONS

PowerSorb™ 326 is especially suited for polyolefins and cold cured polyesters.

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

PowerSorb™ 326 is supplied in 20Kg cartons or drums.

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