

PowerSorb™ 326 UV Absorber

Introduction

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

Chemical Name

2-(2'-hydroxy-3'-t-butyl-5'-methylphenyl)-5-chlorobenzotriazole;
2-tert-butyl-6-(5-chloro-2H-benzotriazol-2-yl)-4-methylphenol

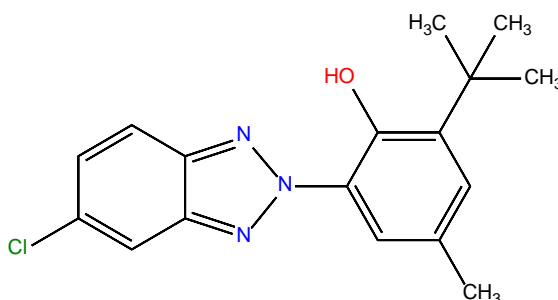
CAS Number

3896-11-5

EINECS Number

223-445-4

Chemical Structure



Chemical Formula

C₁₇H₁₈N₃OCl

Molecular Weight

316

Physical Properties

Appearance	Pale yellow powder
Density (20°C, g/cm ³)	1.32
Melting Point (°C)	138-142
Flash Point (°C)	238
Vapor Pressure (20°C)	7.5E-7Pa
Volatile Loss (%)	Max.0.5
Color of Solution (460nm, %)	Min.97
Color of Solution (500nm, %)	Min.98
Ash (%)	Max 0.1
Purity (%)	Min. 99

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Solubility

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

Benefits & Applications

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

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

PowerSorb™ 326 is supplied in 20Kg Cartons or Drums.

Note

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to



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technological progress or further developments. Performance of the product described herein should be verified by testing.

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