

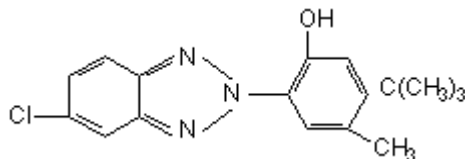
Ultraviolet absorbent UV-326

Chemical name: 2-(2'-hydroxide-3'- tertiary butyl-5'-methylphenyl)-5 -chloro-2H-benzotriazole

Molecular formula: C₁₇H₁₈N₃OCL

Molecular weight: 315.5

CAS NO.: 3896-11-5



Chemical structural formula:

Appearance: light yellow small crystal

Content: ≥ 99%

Melting point: 138 °C

Loss on drying: ≤ 0.5%

Ash: ≤ 0.1%

Light transmittance:

Wave length nm	Light transmittance %
460	≥ 96
500	≥ 97

Toxicity: low toxicity ,rattus norvegicus oral LD50 >5g/Kg weight.

Use:This product is suitable in Polyolefine, Polyvinyl chloride, organic glass and others. Max absorption wave length range is 270-380nm.

General dosage:

1. Unsaturated Polyester : 0.2-0.5wt% based on polymer weight

2.PVC:

Rigid PVC : 0.2-0.5wt% based on polymer weight

Plasticized PVC : 0.1-0.3wt% based on polymer weight

3.Polyurethane : 0.2-1.0wt% based on polymer weight

4.Polyamide : 0.2-0.5wt% based on polymer weight