

# LOWILITE<sup>®</sup> 26 UV absorber

## Ultraviolet Light Absorber

### Description

LOWILITE<sup>®</sup> 26 UV absorber is an ultraviolet light absorber belonging to the benzotriazole class of UVAs.

### Chemical Structure

2-(2'-Hydroxy-3'-*t*-butyl-5'-methylphenyl)-5-chlorobenzotriazole

### CAS Reg. Number:

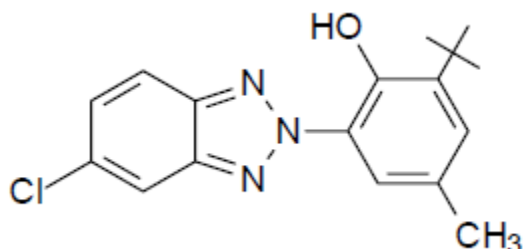
3896-11-5

### EINECS-Number:

223-445-4

### Formula

LOWILITE<sup>®</sup> 26 UV absorber



### Typical physical properties of LOWILITE<sup>®</sup> 26 UV absorber

Appearance	Pale yellow powder
Molecular weight	316
Specific Gravity @ 25°C	1.32
Bulk density [kg/m <sup>3</sup> ]	260
Melting range, °C	137-142
Flash point, °C	232

### Thermogravimetric Analysis (10 mg @ 10°C/minute under N<sub>2</sub>)

Weight Loss [%]	5	10	25
Temperature [°C]	202	205	236

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### Solubility (g/100g solvent) @ 25°C

Acetone	2	Toluene	14
Ethyl Acetate	4	Styrene	14
Methyl Alcohol	0.1	Butyl Acetate	3.8
Ethyl Alcohol	0.1	Methyl Methacrylate	5.2
Chloroform	13	Water	<0.1
Benzene	10.5		

### Applications

**LOWLITE<sup>®</sup> 26 UV absorber** is a strong ultraviolet light absorber for use in polyolefins, polyester resins and coatings. It is also suitable for use in unsaturated polyester coatings, cured with cobalt-catalysts, without any discoloration.

### Regulatory Status

This compound has broad food contact approvals. For details please contact Addivant<sup>™</sup> Regulatory Affairs Polymer Additives.

### Handling and Storage

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling. Store the product in a cool, dry, well-ventilated area away from incompatible materials. Unless otherwise stated, the shelf life of the product is 3 years when it is properly stored.

**For additional handling and toxicological information consult the Addivant<sup>™</sup> Material Safety Data Sheet.**

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