

# PowerSorb™ 101 UV Absorber

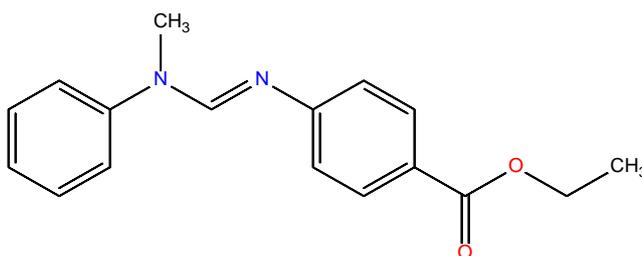
**Introduction** PowerSorb™ 101 is a light yellowish liquid. It can provide excellent light protection to polyurethane systems.

**Chemical Name** N-(Ethoxycarbonylphenyl)-N'-Methyl-N'-Phenylformamidine;  
Ethyl 4-[[[(methylphenylamino)methylene]amino] benzoate

**CAS Number** 57834-33-0

**EINECS Number** 260-976-0

**Chemical Structure**



**Chemical Formula** C<sub>17</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>

**Molecular Weight** 282

**Physical Properties**

Appearance	Pale yellowish liquid
Specific Gravity [20°C]	1.1
Odor	Faint
Flash Point (°C)	Min.100
Boiling Point (°C)	Min.300
Freezing Point (°C)	Max.10
Extinction coefficient (ε)	Ca.13,000
Purity (%)	Min.98.5

**Solubility**

Solubility [20°C]	% w/w
Ethanol	>50
Ethyl acetate	>50

## PowerSorb™ 101 UV Absorber

Methyl ethyl ketone	>50
PEG (Mn=400)	>50
Water	<0.01

### Benefits & Applications

PowerSorb™ 101 provides excellent light protection to polyurethane systems, such as coatings and skin foams, semi-rigid and flexible foams, fabric coatings for synthetic leather, but also to some adhesives, sealants and plasterers.

PowerSorb™ 101 can also be used in other polymeric systems where a liquid stabilizer is preferred.

### 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™101 is supplied in 25Kg Plastic Drum.

### Note

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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