

# PowerSorb™ 101

*New Materials Creating New Performances*

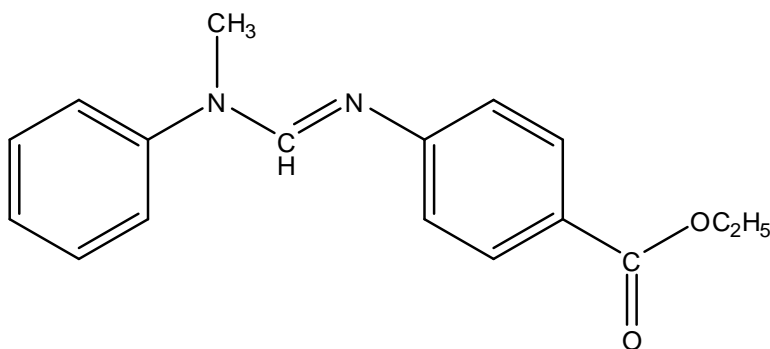
**Quality Products.  
Dependable Service.**

## CHEMICAL NAME

N-(Ethoxycarbonylphenyl)-N'-Methyl-N'-Phenylformamidine

Synonym: Ethyl 4-[[[(methylphenylamino)methylene]amino] benzoate

## CHEMICAL STRUCTURE



## INTRODUCTION

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

## PHYSICAL PROPERTIES

CAS No.	57834-33-0
EC No.	260-976-0
Formula	C <sub>17</sub> H <sub>18</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight	282
Specific Gravity <sub>[20°C]</sub>	1.1
Appearance	Pale Yellowish Liquid
Odor	Faint
Flash Point(°C)	Min.100
Boiling Point(°C)	Min.300

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Freezing Point(°C)	Max.10
Extinction coefficient ( $\epsilon$ )	Ca.13,000
Min. Purity	98.5%

Solubility (20°C)	% w/w
Ethanol	>50
Ethyl acetate	>50
Methyl ethyl ketone	>50
PEG ( Mn=400)	>50
Water	<0.01

## 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 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 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

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PowerSorb™ 101 is supplied in 25kg plastic drum.

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