

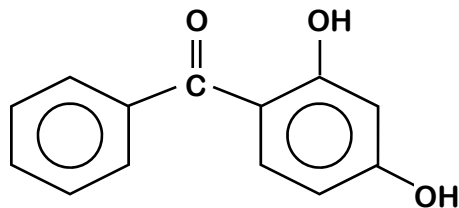
## MAXGARD<sup>®</sup> 400 (Benzophenone-1)

### DESCRIPTION

**MAXGARD 400** is effective for protecting coatings and plastics from the damaging ultraviolet radiation which is a component of natural sunlight. It is soluble in a wide range of solvents and is compatible with most polymers. When **MAXGARD 400** is added to a plastic or coating system, it imparts less color to the substrate than most other UV stabilizers.

### TYPICAL PROPERTIES

Physical form .....	Off white powder
Melting Range .....	140 -143°C
Mass Density .....	1.27 g/cm <sup>3</sup> at 25°C
Absorptivity .....	62 at 288 nm
Solubilities (wt./wt.% at 30°C)	
Water	Nil
Methanol	40
Ethyl acetate	25
Methyl ethyl ketone	40
Toluene	<1



#### MAXGARD 400

2,4-Dihydroxybenzophenone

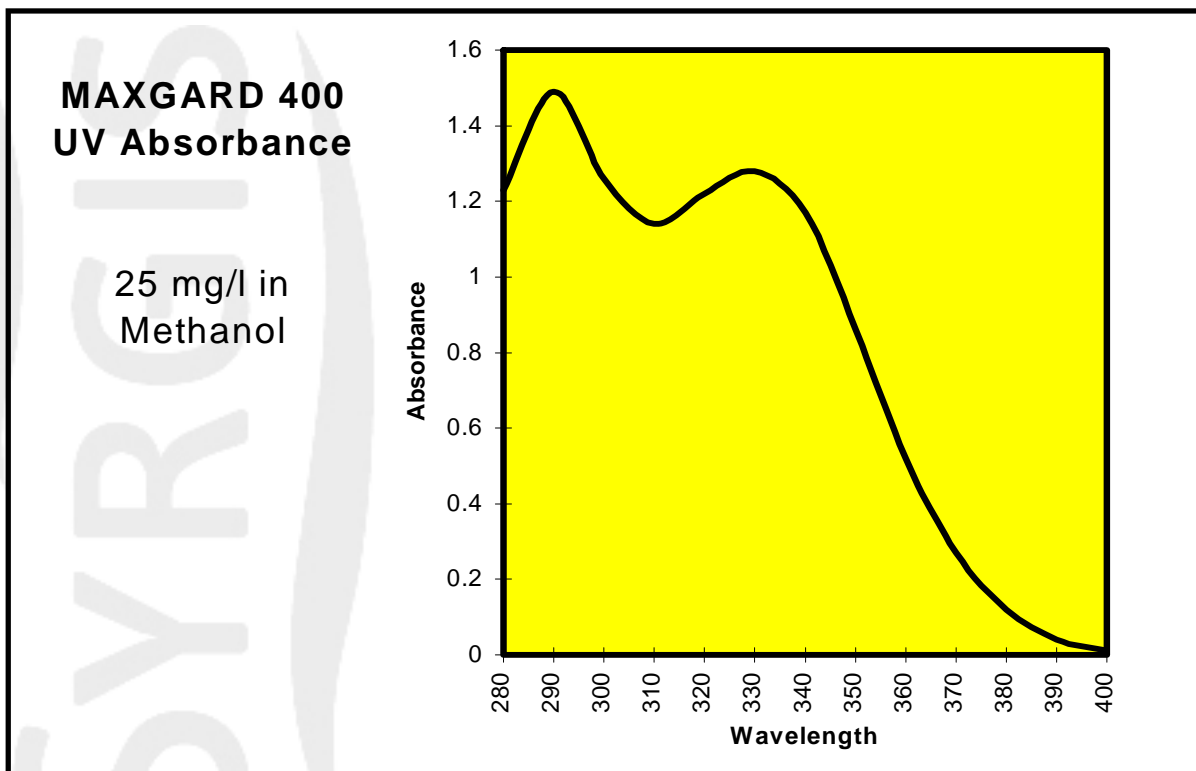
C<sub>13</sub>H<sub>10</sub>O<sub>3</sub> - FW 214

CTFA - Benzophenone 1      CAS No. 131-56-6

## MAXGARD<sup>®</sup> 400 (Benzophenone-1)

### APPLICATIONS

<b>Plastics</b> .....	Polystyrene, acrylic sheet, epoxy and unsaturated polyesters
<b>Coatings</b> .....	Nitrocellulose lacquers, varnishes
<b>Adhesives</b> .....	Pressure sensitive acrylics
<b>Textiles</b> .....	Dyed Polyester fabrics



### PACKAGING, SHIPPING & AVAILABILITY

The standard package sizes of Maxgard<sup>®</sup> 400 are 25kg fiber drums and 50kg fiber drums.

**NOTE:** MSDS's for our products may be requested thru the website [www.syrgisps.com](http://www.syrgisps.com).

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