

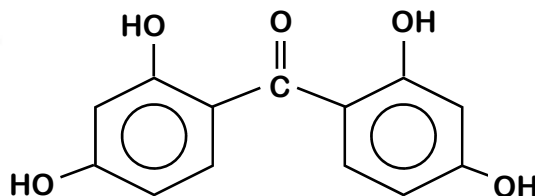
## MAXGARD<sup>®</sup> 1000 (Benzophenone-2)

### DESCRIPTION

**MAXGARD 1000** is an effective light stabilizer for protecting plastics, coatings and cosmetics from the damaging UV radiation which is a component of natural sunlight. It is very compatible with plastic optical lens materials and is extremely useful as a UV screen in these products. In cosmetics/perfumes, the stability is improved. It stabilizes colors in various applications. **MAXGARD 1000** has a very broad absorption band which extends into the UV-A range.

### TYPICAL PROPERTIES

Physical form .....	Light yellow powder
Melting Range .....	195 - 197°C
Mass Density .....	1.21 g/cm <sup>3</sup> at 25°C
Absorptivity .....	60 at 344 nm
Solubilities (wt./wt.% at 30°C)	
Water	< 1
Methanol	40 +
Ethyl acetate	10
Methyl ethyl ketone	22
Toluene	< 1
Ethanol –Denatured	40 +



#### MAXGARD 1000

2,2',4,4'-Tetrahydroxybenzophenone

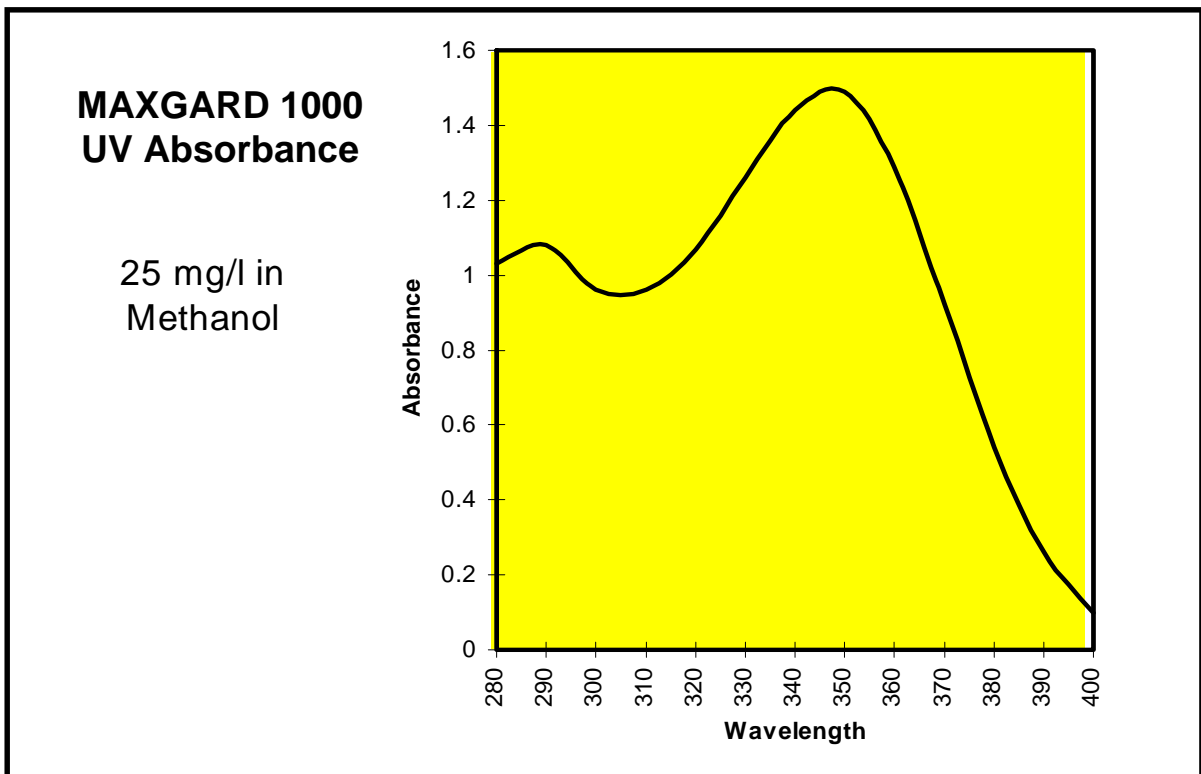
C<sub>13</sub>H<sub>10</sub>O<sub>5</sub> - FW 246

CAS No. 131-55-5

## MAXGARD® 1000 (Benzophenone-2)

### APPLICATIONS

Plastics .....	Plastic optical lenses
Coatings .....	Polyurethanes, oil paints
Adhesives .....	Acrylic
Cosmetics/Perfumes .....	Product protection



### PACKAGING, SHIPPING & AVAILABILITY

The standard package sizes of Maxgard® 1000 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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