



# MAXGARD® 900

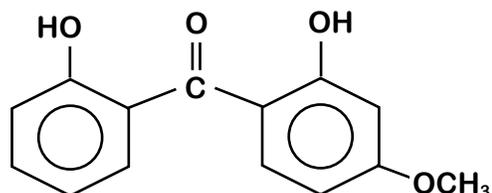
UV Stabilizer (131-53-3) Benzophenone-8

## Technical Information

181 Cooper Drive  
El Dorado, AR 71730  
(870)881-5000

**MAXGARD 900** has a very broad and strong UV absorption curve which makes it very effective for protecting coatings, cosmetics and plastics from the damaging ultraviolet radiation which is a component of natural sunlight.

**MAXGARD 900** is soluble in a wide range of solvents and is compatible with many different polymers.



### MAXGARD 900

2,2'-Dihydroxy-4-methoxybenzophenone

$C_{14}H_{12}O_4$  - FW 244

CTFA: Benzophenone 8      CAS No. 131-53-3

## Applications

**Plastics** - Polyester, PVC

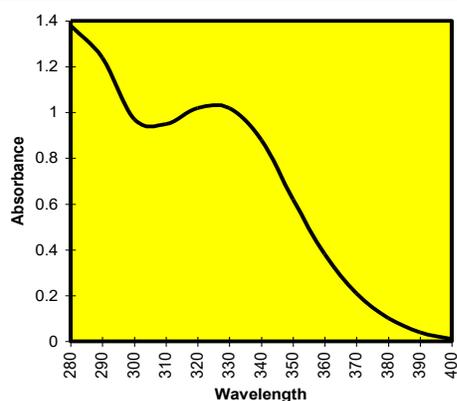
**Coatings** - Oil-based paints, urethanes

**Adhesives** - Pressure sensitive acrylic and vinyl

**Cosmetics** - Product protection

### MAXGARD 900 UV Absorbance

25 mg/l in  
Methanol



## Physical and Chemical Properties

**Physical form** - free flowing light yellow powder

**Melting Range** - 68 -74 °C

**Mass Density** - 1.37 g/cm<sup>3</sup> at 25°C

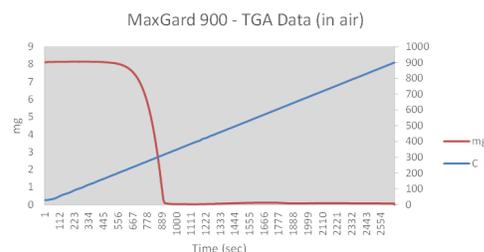
**Std. K-Value** - 44 at 325nm

**TGA Data –Mass Loss**

1% mass loss (196.0°C)

5% mass loss (230.12°C)

10% mass loss (246.05°C)



The product is available in 50kg Fiber Drums (5 drums per pallet).

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