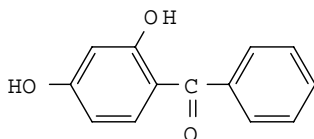


Uvasorb[®] 2OH/G

Ultraviolet light absorber



Chemical and Physical Characteristics (*)

Chemical Name	2,4-Dihydroxy-benzophenone
INCI Name:	Benzophenone-1
Empirical formula	C ₁₃ H ₁₀ O ₃
Molecular weight	214.2
Appearance	Pale yellow powder
Melting point (°C)	144 min.
Specific extinction (at 290 nm in methanol)	630 min.

Solubility (at 25°C)

Water	practically insoluble
Methanol	soluble
Ethanol	soluble
Acetone	slightly soluble

(*) Typical values not qualified for quality control purpose

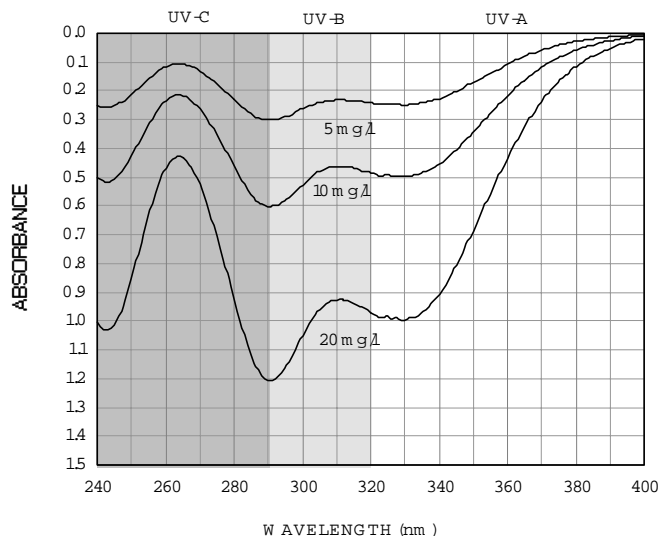
Applications

UVASORB[®] 2OH/G is a safe and effective UV-filter with absorption ranging from 270 to 350 nm.

UVASORB 2OH/G can be employed to improve light stability of cosmetic products such as alcoholic fragrances, gels, colors, nail enamels and liquid detergents.

Typical level of use is 0.05-0.5%.

UV ABSORPTION SPECTRA OF UVASORB 2OH/G
(Ethanol)



Toxicological Information

LD ₅₀ (oral)	> 5000 mg/kg
Skin irritation	non-irritant
Eye irritation	non-irritant

(See also: C.I.R. - Final Report on the Safety Assessment of Benzophenones - Journal of the American College of Toxicology, Volume 2, Number 5, 1983)

Transport, Storage and Handling

Labeling: Product is not classified as hazardous according to international transport regulations.

Do not breathe dust.

Store in the original closed containers in a dry cool place. Protect from light.

For further information, please refer to safety data sheet.

The information in this data sheet is based on our present and best knowledge. We make no warranty, whether expressed or implied, including warranties of merchantability or of fitness for a particular use or purpose. Consequently the product must be tested by the user according to his needs and his production and application conditions and purposes. Neither do we assume any responsibility for infringement of third parties patent rights, which may arise from the use of the product. For industrial use only. USA.JP.Uva2OH/G.0901



3V Inc.

1500 Harbor Boulevard, Weehawken, NJ 07086

Tel. (866)-599-7896 - (843) 520-5109 Fax: (843) 520-5113

3V and logotype are registered trademarks of 3V Partecipazioni Industriali S.p.A. Milano - Italy