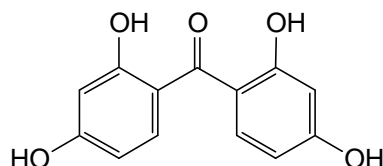


Ultraviolet Light Absorber for Cosmetic UV Filter and Polymers
UV ABSORBER
1. General

Chiguard® BP-2 belongs to the family of substituted benzophenone which protect against ultraviolet radiation. Chiguard® BP-2 has high absorption both in UV-A and UV-B regions, hence has been widely used as UV filter in cosmetic and specialty chemical industries.

2. Properties

Structure :



CAS Name : 2,2',4,4'-Tetrahydroxybenzophenone
 CAS No. : 131-55-5
 Molecular Formula : C₁₃H₁₀O₅
 Molecular Weight : 246

3. Physical Data

Appearance : Light yellow crystals
 Odor : Odorless
 Melting point : 198 °C
 Specific gravity : 1.216 @20 °C

4. Solubility

Soluble in oils, aqueous/alcoholic solution

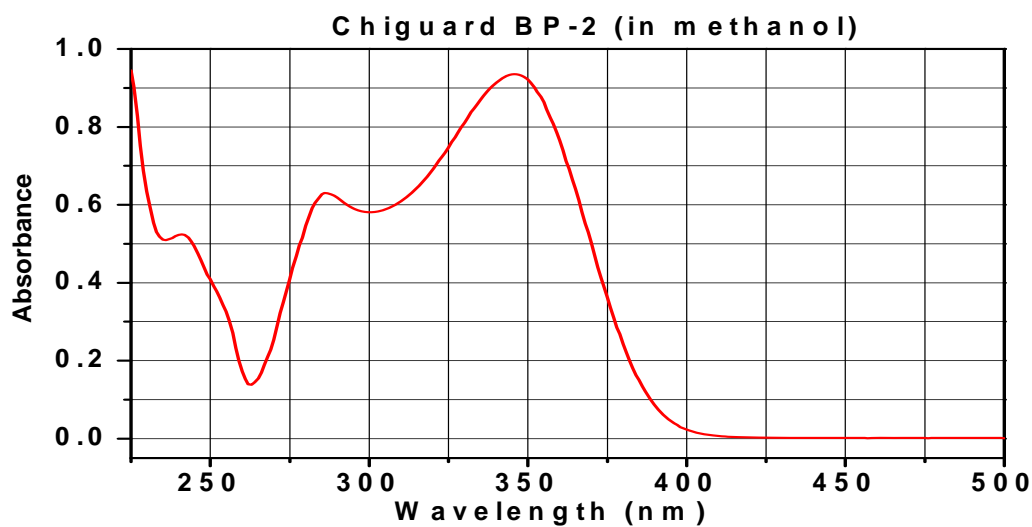
(g in 100 ml solvent)

Methanol : 47
 Ethyl acetate : <3.0
 Acetone : 30
 THF : 59
 Ethanol : 23
 Dichloromethane : <1.0
 Acetonitrile : <1.0
 Toluene : <1.0
 Hexane : <1.0

5. Specification

Appearance : Light yellow crystalline powder
 K value : 58 min.
 Color, Gardner : 5 max.
 (1 %, wt/v in methanol)
 Melting point : 195 °C min.

6. UV Spectrum



7. Storage

Must be stored in closed containers in dark dry conditions.

8. Packaging

25 Kg net/fiber drum