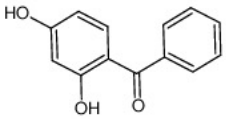
TECHNICAL DATA SHEET

BENZOPHENONE-1

Product Name: Benzophenone-1
Product Code: MFSORB 501
Production Site: MFCI (Huanggang) Co., Ltd

Properties

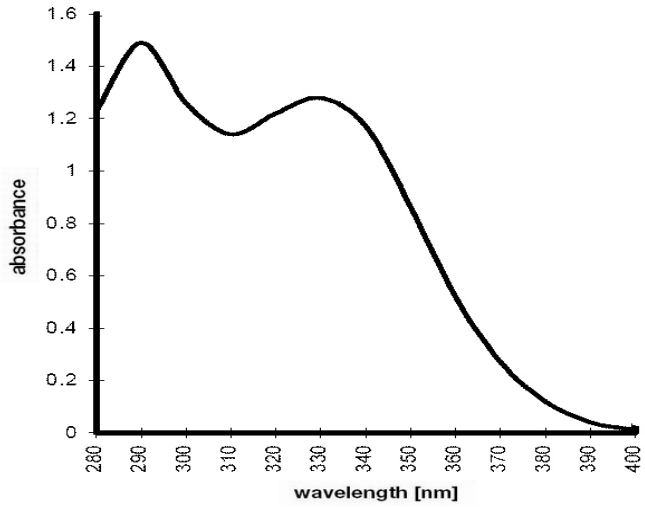
Structure:



Chemical Name:	2,4-Dihydroxybenzophenone
INCI Name:	BENZOPHENONE-1
Other names:	UV-0, BP-1
CAS No.:	131-56-6
EINECS No.:	205-029-4
Chemical Formula:	$C_{13}H_{10}O_3$
Molecular Weight:	214.22

UV Characteristics

UV Characteristics:



Physical Property

Appearance:	White or pale yellow crystalline powder.
Odor:	Light phenolic odor
IR Identification:	As per reference standard

Specific Extinction (1%,1cm):	E_{290}: 630min
Melting Point:	142.0℃~146.0℃
Purity (HPLC):	99.0% min
Loss on Drying:	0.2%max
Gardner Color:	3.0 max
Heavy Metals (Pb)	5ppm max

Application

This product is a light stabilizer agent, applicable to polyolefine, poyvinyl chlornamee, polystyrene etc. and as the intermediate of UV-absorbing agents as well.
And This substance is used in the following products: polymers and cosmetics and personal care products.

Packaging

25kgs/drum

Storage

Must be stored in closed containers in dry cool conditions. The shelf life of BP-1 three years in original, unopened containers.

HS Code

29145090.90

NOTE

The data submitted in this publication are based on our current knowledge and experience. They do not constitute a guarantee in the legal sense of the term and, in view of the manifold factors that may affect processing and application, do not relieve those to whom we supply our products from the responsibility of carrying out their own tests and experiments. Any relevant patent rights and existing legislation and regulations must be observed.