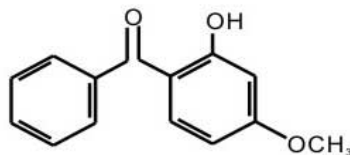


Technical Data Sheet

Product name Benzophenone-3(UV-9, Oxybenzone)

Production site Labeyond Chemicals Co.,Ltd

Properties Structure:



Chemical Name: 2-Hydroxy-4-Methoxy Benzophenone

INCI Name: BENZOPHENONE-3

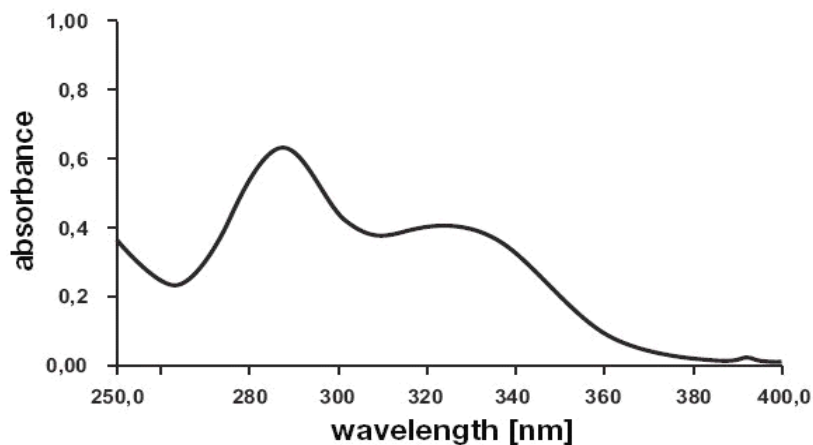
EINECS#: 205-031-5

CAS No.: 131-57-7

Molecular Formula: C₁₄H₁₂O₃

Molecular Weight: 228.24

UV Characteristics



physical property

Appearance:	Pale greenish yellow crystalline powder
Assay:	99.0%min
Melting Point:	62.0-65.0°C
Gardner Color:	4.0 max
Specific Extinction 1%,1cm	
(E _{288nm}):	630 min
(E _{325nm}):	410 min
Heavy Metals(Pb):	5ppm max
Burnt Residue:	0.1% max
Loss on drying:	0.2% max

Application

BP-3 is uv absorber Used in topical sunscreens,moisturizers,shampoos,hair care products,lipstick,lip balms,nail polish,plastic materials,dental composite materials.It is also used as color preserver in paints and varnishes.

Storage

Must be stored in closed containers in dry cool conditions. The shelf life of BP-3 is two years in original, unopened containers.

Packaging

Packed in cardboard drum lined with plastic bags with the net capacity of 25 kg per drum.

HS Code

29145090.90

NOTE

The information and recommendations contained herein are based on the current state of our knowledge and experiences. 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, don't relieve those to whom we supply our products from the responsibility of carrying out their own tests and experiments. Any relevant patent right an existing legislation and regulations must be observed.