

Technical Data Sheet

Rev. 2 - Data rev. 02/2015

K.SORB UV-9

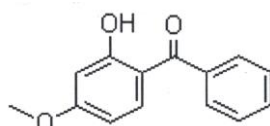
CHEMICAL NAME 2-hydroxy-4-methoxy-benzophenone

OTHER NAME Cyasorb UV9

CAS NUMBER 131-57-7

MOLECULAR FORMULA C₁₄H₁₂O₃

STRUCTURE



MOLECULAR WEIGHT 228.25

PHYSICAL PROPERTIES

Appearance	Pale greenish yellow crystalline powder
Melting point	62-65°C
Flash point	100 DC min.
Loss on drying	0.20% max.
Assay	99% min.
Burnt Residue	>0.10% max.
Solubility@20DC(g/100g solvent)	
Water	insoluble
Alcohol	5.8
Benzene	47.5
Xylene	56.2

PACKAGING **K.SORB UV-9** is supplied in 25 Kg net carton

APPLICATION **K.SORB UV-9** is a high-efficient UV radiation absorbing agent, capable of effectively absorbing UV radiation of 270-340 nm wavelength, but it almost does not absorb visible light, particularly applicable to light-colored transparent product. It is well stable to light and heat, not decomposable below 200°C, applicable to paint and various plastic products, particular effective to PVC, PS, PU, acrylic resin, light-colored transparent furniture, as well as to cosmetics, with the dosage of 0.1-0.5%.

The information submitted in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application, this data does not relieve processors from the responsibility of carrying out their own tests and experiments. Neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom K Chimica supply their own products to ensure that any proprietary rights or patents and existing laws and legislation are observed. The product has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.