



Dongguan Baoxu Chemical Technology, Ltd.
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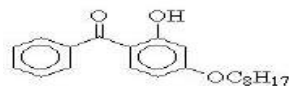
UV 531 / Chimassorb 81

Chemical Name: 2-Hydroxy-4-n-octoxybenzophenone

Formula C₂₁H₂₆O₃

Molecular Weight 326

CAS# 1843-05-6



Physical Properties:

Appearance	slightly yellow powder	
Melting point	47-49°C	
boiling point	> 300°C	
Solubility (20°C)	Water	< 0.01
	MeoH	2
	EtoH	2
	Acetone	70
	Ch2Cl2	67
	Hexane	25

Application:

- >Low yellowing; Good absorbance in the UV-B region; improves failure of coatings resulting from exposure to sunlight including discoloration, cracking, and loss of adhesion
- >UV-absorber for plasticized and rigid PVC, polyester, PS, Acrylate resins, vinyl ester based coatings, PU based coatings, alkyed resin coatings, improves the weather resistance of the coating.
- >Its performance in outdoor applications can be improved further by use in synergistic combination with a hindered amine light stabilizer (HALS) such as UV 292

The information and statement herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. No warranty of fitness for a particular purpose is made.



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>The amount of uv 531 required for optimum performance should be determined in trials covering a concentration range

Handling and safety:

>Approved by the FDA under the 21CFR178.2010 for use in aqueous foods, dairy products (water-in-oil emulsions), bakery products without oil, and dry foods without oil at a maximum concentration of 0.5%.

>For additional handling and toxicological information, please consult us for **Maternal Safety Data Sheet**

Package: 25kg per fiber drum, 9*3 layer 27drum per pallet ,or as required

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