

PowerSorb™ 3048 UV Absorber

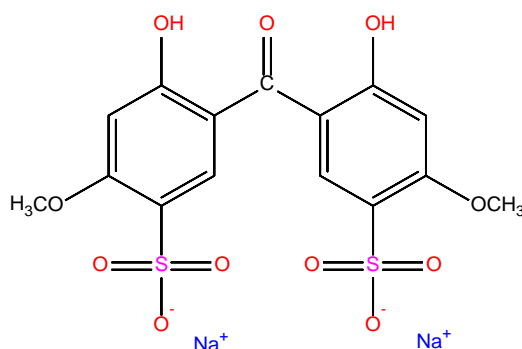
Introduction PowerSorb™ 3048 is a sulfonated, water-soluble derivative of PowerSorb™ 3049. It is a yellowish powder.

Chemical Name 2,2'-Dihydroxy-4,4'-dimethoxybenzophenone-5,5'-bis(sodium sulfonate)

CAS Number 76656-36-5

EINECS Number 278-520-4

Chemical Structure



Chemical Formula $C_{15}H_{12}O_{11}S_2Na_2$

Molecular Weight 478

Physical Properties

Appearance	Yellowish Powder
Platinum-cobalt color	40 (APHA, 1% in water)
Density [25°C, g/cm ³]	1.90
Melting Point (°C)	Approx. 350
Flash Point (°C)	108
PH value (1% in water)	7
Content of active substance (%)	67

Solubility

Solubility [30°C]	% w/w
Ethanol	1
Ethyl acetate	<0.01

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Methanol	2
Methyl ethyl ketone	<0.01
N-Methyl pyrrolidone	<20
Water	5

Benefits & Applications

PowerSorb™ 3048 is a sulfonated, water-soluble derivative of PowerSorb™ 3049. Its main use is in cosmetics. One non-cosmetics application is emulsion paints. It also improves the dimensional stability of wool and jute.

Handling & Storage

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid continuous or repetitive breathing of dust. Use only with adequate ventilation. Protect skin. Avoid dust formation and ignition sources.

This product may be stored up to one year in a sealed container. Containers should be stored in a cool, dry area. Extended storage at elevated temperatures or exposure to direct heat or sunlight could reduce product life. Keep containers sealed when not in use.

For more detailed information please refer to the material safety data sheet.

Packing

PowerSorb™ 3048 is supplied in 20Kg Paper Bag, 20Kg PE Bag, 25Kg Carton Box, and 50Kg Fiber Drum.

Note

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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