

TinSorb™ 1690 UV Filter

INCI: Benzophenone-9



Introduction

TinSorb™1690 UV Filter is a water-soluble UV stabilizer, which has a very broad absorption band which extends into the UVA and UVB range.

Chemical Name

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

INCI Name

Benzophenone-9

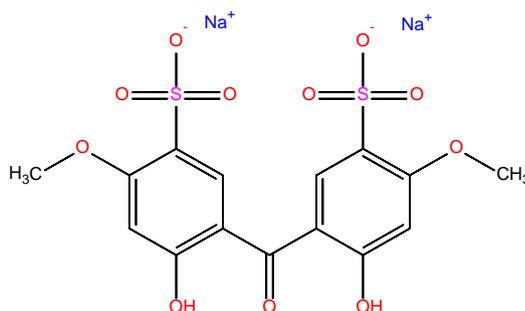
CAS Number

76656-36-5

EINECS Number

278-520-4

Chemical Structure



Chemical Formula

C₁₅H₁₂O₁₁S₂Na₂

Molecular Weight

478

Physical Properties

Appearance	Yellowish powder
pH Value (1% in water)	7.0
Melting Point (°C)	Min.350
Density (25°C, cm ³)	1.90
Gardner Color	Max.6.0
Chromatographic Purity (%)	Min.98.0

Solubility

Solubility [30°C]	% w/w
Water	5
Methanol	2

TinSorb™ 1690 UV Filter

INCI: Benzophenone-9



Ethanol	1
Ethyl acetate	0
Methyl ethyl ketone	0
N-Methylpyrrolidone	<20

Benefits & Applications

TinSorb™ 1690 is an effective light stabilizer for protecting cosmetics from the damaging UV radiation which is a component of natural sunlight. Used in cosmetics, fragrances, hair care and personal care products.

TinSorb™ 1690 can be used to protect colorants, active ingredients and fragrances in cosmetic preparations against the damaging effects of UV radiation.

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 2 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

TinSorb™ 1690 is supplied in 25kg carton box.

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.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability.

TinSorb™ 1690 UV Filter

INCI: Benzophenone-9



We disclaim liability for any incidental or consequential damages.

TinSorb™ 1690 UV Filter TDS version 7.1H	© Tintoll Performance Materials Co., Ltd.
3 / 3	www.tintoll.com