

TinSorb™ 1650 UV Filter

INCI: Benzophenone-5



Introduction

TinSorb™1650 UV Filter is a broad-spectrum UV absorber, used as a light stabilizer. Used for water soluble chemical sunscreen, sunscreen, emulsion.

Chemical Name

2-Hydroxy-4-methoxybenzophenone-5-sodium sulfonate

INCI Name

Benzophenone-5

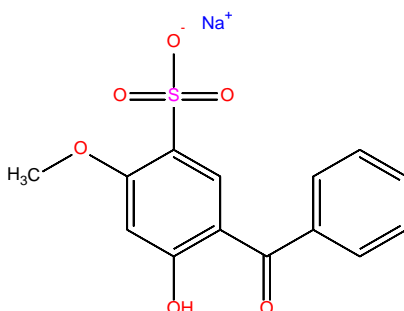
CAS Number

6628-37-1

EINECS Number

613-918-7

Chemical Structure



Chemical Formula

C₁₄H₁₁O₆SNa

Molecular Weight

330.29

Physical Properties

Appearance	Off-white or light yellow powder
Loss on Drying	Max.2.0
pH Value	5.0-7.0
Melting Point (°C)	Min.280
Gardner Color	Max.2.0
Heavy Metals (ppm)	Max.10.0
Specific Extinction 285nm	Min.460
Specific Extinction 325nm	Min.270
Purity (%)	Min.99.0

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Benefits & Applications

TinSorb™ 1650 is a water-soluble and broad-spectrum neutral ultraviolet absorbent with high absorptivity and non-toxicity; Stable to light and heat.

TinSorb™ 1650 can improve the stability of shampoo and bath liquor. It is mainly used in water-soluble sunscreen agents, and sunscreen cream and latex.

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™ 1650 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.

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