

TinSorb™ 1808 UV Filter

INCI: Disodium Phenyl Dibenzimidazole Tetrasulfonate



Introduction

TinSorb™1808 UV Filter is a water-soluble UVA sunscreen with a wavelength of 290-370nm and excellent photostability.

Chemical Name

Disodium Phenyl Dibenzimidazole Tetrasulfonate

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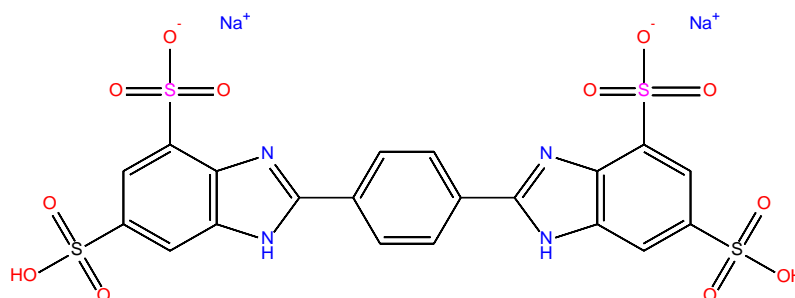
CAS Number

180898-37-7

EINECS Number

429-750-0

Chemical Structure



Chemical Formula

$C_{20}H_{14}N_4Na_2O_{12}S_4$

Molecular Weight

676.5843

Physical Properties

Appearance	Yellow to dark yellow powder
Loss on Drying(%)	Max. 3.0
Extinction (E1%,1cm)	Min.770
Purity (%)	Min.96

Benefits & Applications

TinSorb™ 1808 is a highly effective and photo stable UVAII absorber, suitable for use in water-based transparent sunscreen products such as gels or clear sprays.

Handling & Storage

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid continuous or repetitive breathing of

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dust. Use only with adequate ventilation. Protect skin. Avoid dust formation and ignition sources.

This product may be stored up to two years 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™ 1808 is supplied in 25kg carton.

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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