

TinSorb™ DHBT UV Filter

INCI: Diethylhexyl Butamido Triazone



Introduction

TinSorb™DHBT UV Filter is a highly alcohol-soluble and oil-soluble UVB sunscreen with a absorption wavelength of 280 -- 320nm. High SPF can be achieved when used in low concentrations. It can be used in a variety of sunscreen formulas.

Chemical Name

Bis(2-ethylhexyl) 4,4'-{6-[4-tert-butylcarbamoyl]anilino}-1,3,5-triazine-2,4-diyl-diimino}dibenzoate

INCI Name

Diethylhexyl Butamido Triazone

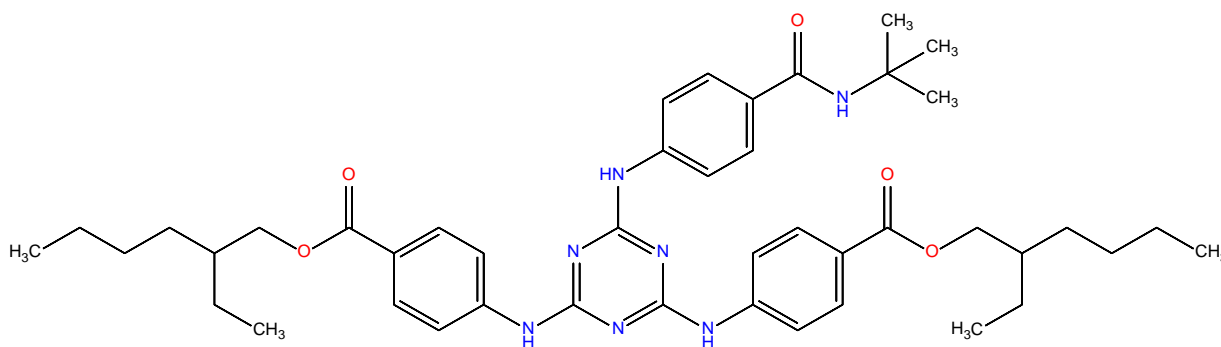
CAS Number

154702-15-5

EINECS Number

421-450-8

Chemical Structure



Chemical Formula

C₄₄H₅₉N₇O₅

Molecular Weight

766

Physical Properties

Appearance	Off white powder
Melting point	92.0°C-102.0°C
Specific Extinction	Min.1470 (at 311nm in ethanol)
Loss on Drying(%)	Max.0.5
Purity (%)	Min.97.0

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Benefits & Applications

TinSorb™ DHBT is an effective UV-B filter and very soluble in cosmetic oils. It is a very efficient UV filter due to its high specific extinction and its excellent solubility.

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 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™ DHBT is supplied in 25kg 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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