

TinSorb™ DHHB UV Filter

INCI: Diethylamino Hydroxybenzoyl Hexyl Benzoate



Introduction

TinSorb™ DHHB UV Filter is a highly effective UVA filter with strong protective effect for free radical produced by UV. It is very photo-stable and compatible with other UV filters. It can be incorporated in sunscreens also in day care products as well as skin lightening products.

Chemical Name

Diethylamino Hydroxybenzoyl Hexyl Benzoate

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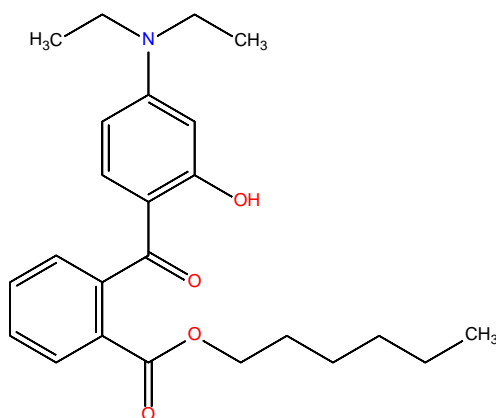
CAS Number

302776-68-7

EINECS Number

443-860-6

Chemical Structure



Chemical Formula

$C_{24}H_{31}NO_4$

Molecular Weight

397.51

Physical Properties

| | |
|-------------------------------------|------------------------------|
| Appearance | White to light salmon powder |
| Odour: | Weakly characteristic odour |
| Identification (UV) | 352nm-356nm |
| Gardner Colour:(in a molten manner) | Max.8.2 |
| Specific Absorption(E1/1): (354nm) | 910~940 |

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| | |
|-----------------|----------|
| in ethanol) | |
| Purity (GC, %): | Min.99.0 |

Benefits & Applications

TinSorb™ DHHB is used in daily face care and sun care. It can help prevent premature skin ageing and skin damage. It provides reliable and long-lasting protection.

TinSorb™ DHHB has excellent formulation flexibility and free radical protection.

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 four 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™ DHHB 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.

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

We disclaim liability for any incidental or consequential damages.

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