

TinSorb™ 1360 UV Filter

INCI: Ethylhexyl Dimethyl PABA



Introduction

In cosmetics and personal care products, TinSorb™ 1360 UV Filter is used in the formulation of sunscreen products, shampoos, conditioners, hair sprays, makeup, and bath and skin products.

Chemical Name

2-Ethylhexyl 4-(dimethylamino)benzoate

INCI Name

Ethylhexyl Dimethyl PABA

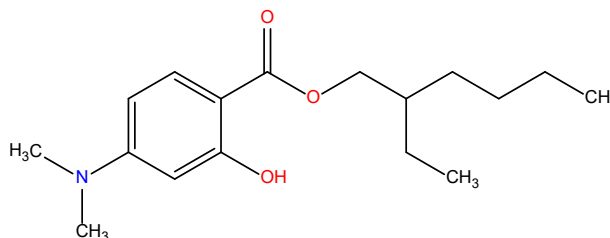
CAS Number

21245-02-3

EINECS Number

244-289-3

Chemical Structure



Chemical Formula

C₁₇H₂₅NO₂

Molecular Weight

277.4

Physical Properties

Appearance	Clear colorless to slightly yellowish liquid
Specific Gravity (25°C)	0.990-1.000
Refractive Index (25°C)	1.539-1.543
Acid Value	Max.1.0
Saponification Value	195.0-215.0
Assay (HPLC, %)	97.0-102
Chromatographic Purity (GC)	
Individual Impurity (%)	Max.0.5
Total Impurities (%)	MaX.2.0

Benefits & Applications

TinSorb™ 1360 is used in dyes and pharmaceutical intermediates. It is used for the production of reactive red M-80, M-10B, reactive red purple

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X-2R, and other dyes, as well as for the preparation of cyanobenzoic acid to produce the drug p-carboxybenzylamine. Para-aminobenzoic acid can be used as a sunscreen, and its derivative, octyl dimethylcarbamate, is an excellent sunscreen.

Handling & Storage

TinSorb™ 1360 should be preserved in tight, light-resistant containers. The shelf life of TinSorb™ 1360 is two years in original, unopened containers.

Packing

TinSorb™ 1360 is supplied in 25Kg pail or 200Kg 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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