

TECHNICAL DATA SHEET

OCTISALATE

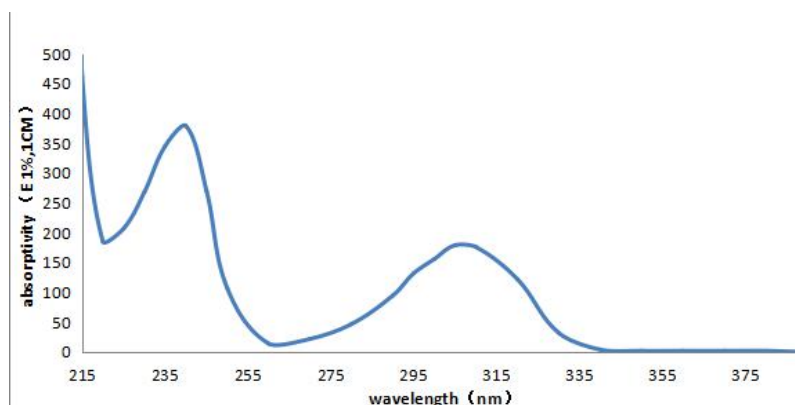
Product Name: Octisalate
Product Code: Mfsorb 503
Origin: China

Properties

Structure:
Chemical Name: 2-Ethylhexyl Salicylate
INCI Name: Ethylhexyl Salicylate
EINECS No.: 204-263-4
CAS No.: 118-60-5
Chemical Formula: $C_{15}H_{22}O_3$
Molecular Weight: 250.33

UV Characteristics

UV Characteristics:



Physical Property

Appearance: Clear, colorless to slightly yellowish liquid.

Identification: (USP) A. Infrared Absorption <197F>.
B. The retention time of the major peak in the chromatogram of the Assay preparation corresponds to that in the chromatogram of the Standard preparation, as obtained in the Assay.

Assay (GC): (USP) 95.0%~105.0%

Specific Gravity (at 25°C): (USP) 1.011-1.016

Refractive Index (at 20°C): (USP) 1.500-1.503

Date of Issue: Sept 20, 2018

Version: 12

Acidity (0.1N NaOH): (USP) 0.2ml max

Chromatographic Purity (GC)

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Individual Impurity:	(USP)	0.5% max
Total Impurities:	(USP)	2.0% max
2-Ethylhexanol:		200ppm max

Application

Octisalate (OS) is commonly incorporated into sunscreens for its antibacterial abilities and helps prevents product from turning rancid.

It is an oil soluble and water Insoluble UV B absorber which is being used for a long time, even before PABA and provides effective protection in the range of 290-315 nm. Salicylates are weak UV B absorber and generally used in combination with other UVs to boost the SPF. OS uses as an inhibitor against UV degradation of emulsions, polymer and dyestuff. OS is ideal for use in sun care and skin care products for daily protection. OS is an exceptional addition to protective hair-care and lip-care products.

Packaging

25kgs/drum, 200kgs/drum, 1000kgs/drum

Storage

Preserve in tight containers. The shelf life of Octisalate is two years in original, unopened containers.

HS Code

29182300

NOTE

The data submitted in this publication are based on our current knowledge and experience. They do not constitute a guarantee in the legal sense of the term and, in view of the manifold factors that may affect processing and application, do not relieve those to whom we supply our products from the responsibility of carrying out their own tests and experiments. Any relevant patent rights and existing legislation and regulations must be observed.