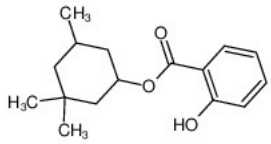
TECHNICAL DATA SHEET

HOMOSALATE

Product Name:	Homosalate
Product Code:	MFSORB 504
Production Site:	MFCI(Huanggang) Co., Ltd.

Properties

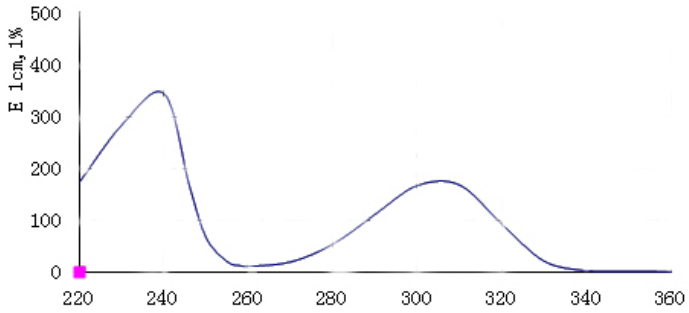
Structure:



Chemical Name:	3,3,5-Trimethylcyclohexyl Salicylate
INCI Name:	HOMOSALATE
Other names:	Benzoic acid, 2-hydroxy-, 3,3,5-trimethylcyclohexyl ester
CAS No.:	118-56-9
EINECS No.:	204-260-8
Chemical Formula:	$C_{16}H_{22}O_3$
Molecular Weight:	262.35

UV Characteristics

UV Characteristics:



Physical Property

Appearance:		Colorless to pale yellow liquid
Identification:	(USP)	Infrared Absorption <197F>
Assay (GC):	(USP)	90.0%~110.0%
Purity (GC):		98.0% min
Specific gravity (at 25℃):	(USP)	1.049-1.053
Refractive index (at 20℃):	(USP)	1.516-1.519
Acid value (mg KOH/g):		1 max
UV-Vis specturm (c=0.05g/L in Methanol);		170 min

Date of Issue: May 20, 2020 *Version: 12*

E (1% - 1 cm) at 305 +/- 5 nm

Chromatographic Purity (GC)

Individual Impurity:	0.5% max
Total Impurities:	2.0% max
3,3,5-trimethylcyclohexanol (GC):	0.15% max
Methyl salicylate (GC):	0.10% max
Methyl paraben (HPLC):	10 ppm max

Application

Homosalate can be incorporated in sunscreens, but also in day care products as well as skin lightening products.

Packaging

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

Storage

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

HS Code

2918230000

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.