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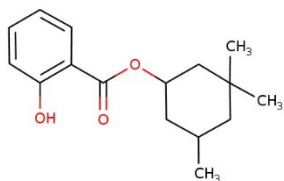
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Trade registration nr. 50769421 Chamber of Commerce Utrecht

Technical Data Sheet

10 March 2023

Product name:	UV-HOS
Product Form:	Clear oily liquid
Chemical name:	Benzoic acid, 2-hydroxy-, 3,3,5-trimethylcyclohexyl ester; 3,3,5-Trimethylcyclohexyl salicylate
Synonym:	HOMOSALATE; Eclipsogen HOS
CAS No:	118-56-9
EINECS No:	204-260-8
Molecular formula:	C ₁₆ H ₂₂ O ₃
Structure formula:	



Chemical Specification

Appearance	Oily clear colorless to yellowish liquid
Heavy metals (ppm)	20 max.
Fe (ppm)	5 max.
Pb (ppm)	5 max.
Ni (ppm)	5 max.
Hg (ppm)	5 max.
Sb (ppm)	5 max.
As (ppm)	5 max.
Cd (ppm)	5 max.
Cr (ppm)	5 max.
Co (ppm)	5 max.
Solvent residues (ppm)	3000 max. (methanol)
Microbials (cfu/g)	100 max.
Assay (GC, %)	90.0 – 110.0

Packing: In 25kgs net carton or as required.

Shelf life: 24months

Features and application:

It is approved world-wide in various concentrations.

Homosalate is a typical salicylic acid ultraviolet absorber, which can absorb ultraviolet rays in the band of 295 ~ 315nm.

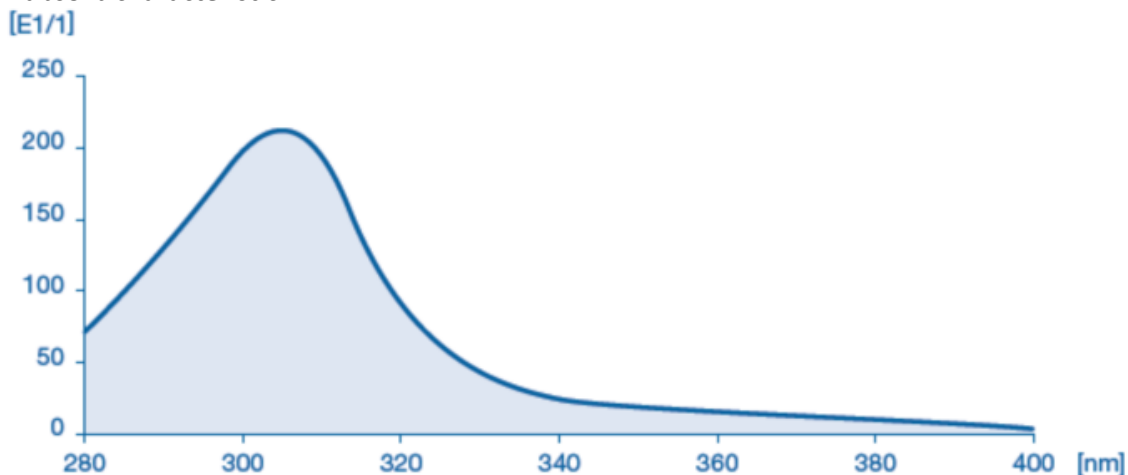
It is colorless transparent liquid, an oil-soluble UVB sunscreen, suitable for water-resistant formulations.

UVB protector. It can prevent direct skin exposure to the sun's harmful rays by absorbing ultraviolet (UV) light, protect the skin from UVB radiation damage and reduce the long-term harmful effects of sun exposure.

Ideal solvent. It is a good solvent for crystalline oil-soluble UV sunscreens Benzophenone-3, Avobenzone, 4-Methylbenzylidene Camphor, etc.

Antibacterial abilities. It is commonly incorporated into sunscreens for this ability and helps prevent product from turning rancid.

UV absorb characteristic:



Recommended dosage:

ASEAN 10%, China 10%, Europe 10%, Japan 10%, South Africa 10%, USA 15%