

PRODUCT DATA SHEET

Trade Name: ShieldBiso™ OS

INCI Name: Ethylhexyl salicylate

CAS: 118-60-5

Description

A colorless to light yellowish oily liquid that works as a UVB (280-320nm) sunscreen filter with a peak absorbance at 306 nm. It's not a strong filter in itself, it's always used in combination with other sunscreen agents to further enhance the SPF and to solubilize other solid UV filters.

Quality Parameters

Appearance	Clear, colorless to slightly yellowish liquid
Odor	Typical, bland
Assay %	99.0 min
Chromatographic purity	Not more than 0.5% any individual impurity The sum of all the impurity is not more than 2.0%
Refractive index @ 20°C	1.500 - 1.503
Specific gravity (D25/25)	1.011 - 1.016
Saponification value (mg KOH/g)	200 - 230
UV Specific Extinction (E1%/1cm, Methanol)	165 to 185@305±2nm
Acid value (mg KOH/g)	1.0 max

Identification	A: Infrared absorption	Confirms to USP
	B: Ultraviolet absorption	



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Storing

Store in a dry and cool place, sealed and valid for 2 years.

Package

200kg / drum