

PRODUCT DATA SHEET

Trade Name: ShieldBiso™ OMC

INCI Name: Ethylhexyl methoxycinnamate

CAS: 5466-77-3

Description

ShieldBiso™ OMC is a very common oil soluble UVB sunscreen agent in the market at present. Its absorption wavelength is 290-320nm. It is widely used worldwide and has relatively low skin irritation.

Quality Parameters

Appearance:	Colorless or light yellow liquid
Odor:	Very weak, characteristic
Assay %:	95.0 - 105.0
Identification IR:	Confirm
Identification UV:	Confirm
Acidity:	Confirm
Specific gravity:	1.005 - 1.013
Refractive index:	1.542 - 1.548
Peroxide value (mg/kg):	1.0 max
Color (Hazen):	70.0 max
A 1%/1 cm (310 nm in ethanol):	850 min
Purity (GC)%:	98.0 min
Individual impurity (g/100 g):	0.5 max
Total impurity (g/100 g):	2.0 max
Aerobic plate count cfu/ml:	100 max



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Storing

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

Package

200kg/ drum .