

Technical Datasheet

Trade Name: Sunovi-OMC

INCI: Ethylhexyl Methoxycinnamate

Other names: Octinoxate, Octyl Methoxycinnamate, OMC

Chemical name: 2-ethylhexyl 4-methoxycinnamate

Cas. No.: 5466-77-3

EINECS: 226-775-7

Article No.: 992232

Item	Standard
Appearance	Colorless or light yellow clear liquid
Odor	Very weak, characteristic
Specific gravity (at 25°C)	1.005~1.013
Refractive Index (at 20°C)	1.542~1.548
Acidity (0.1mol/L NaOH)	Max. 0.8ml
A 1% 1cm (310nm in Ethanol)	Min.850
Color (Hazen)	Max. 70
Peroxide Value	Max. 1.0mg/kg
Assay (GC)	95.0%~105.0%
Purity (GC)	Min. 98.0%
Total Impurities	Max. 2.0%
Individual Impurity	Max. 0.5%
Heavy Metals	
Nickel (Ni)	Max. 1 ppm
Mercury (Hg)	Max. 1 ppm
Antimony (Sb)	Max. 1 ppm
Lead (Pb)	Max. 5 ppm
Arsenic (As)	Max. 2 ppm
Cadmium (Cd)	Max. 1 ppm
Cobalt (Co)	Max. 1 ppm
Chrome (Cr)	Max. 1 ppm
Total	Max. 10ppm
Microbiology	
Total Aerobic Micro Count (TAMC)	Max. 100 cfu/g
Total Yeast and Mold Count (TYMC)	Max. 100 cfu/g

Product Description:

Sunovi-OMC (Octinoxate) is an organic compound that is an ingredient in some sunscreen and lip balsam. It is an ester in liquid form insoluble in water. UV light damages collagen and causes to aging of skin. Sunovi-OMC can help to protect the skin against sunburn and skin damages by absorbing of UV radiation.

Application:

It is used in sunscreen, skin care, Make up, bath and hair products nail polish,

Storage:

Keep it tight, light-resistant containers, once the containers are open, please seal it again and use it during 24 hours.

Shelf life:

2 years after production date