



## TDS OF OCTYL METHOXY CINNAMATE

### 1. Quick Details:

CAS: 5466-77-3

Synonyms: 2-ETHYLHEXYL TRANS-4-METHOXYCINNAMATE;2-ETHYLHEXYL P-METHOXYCINNAMATE;2-ETHYLHEXYL 4-METHOXYCINNAMATE;4-METHOXYCINNAMIC ACID OCTYL ESTER;4-METHOXYCINNAMIC ACID 2-ETHYLHEXYL ESTER;(5-METHYLHEPTYL) 3-(4-METHOXYPHENYL)-2-PROPENOATE;EUSOLEX 2292;OMC

MF: C18H26O3

MW: 290.4

EINECS: 226-775-7

### 2. Specification:

item	Specifications
Appearance	Colorless or light yellow liquid
Odor	Very weak
Assay	95.0%-105.0%
Purity(GC)	98.0% Min
Acidity	Must conforms
Specific gravity	1.005-1.013
Refractive index	1.542-1.548
Color(hazen)	70 Max
A 1%/1cm(310nm in ethanol)	850Min
Peroxide value	1.0mg/kg Max
Saponification value	189Min
Single impurity	0.5g/100g Max
Total impurities	2.0g/100g Max

### 3. Application:

Unilong Octyl Methoxycinnamate is an organic compound that is an ingredient in some sunscreens and lip balms. It is an ester formed from methoxycinnamic acid and 2-ethylhexanol. It is a liquid that is insoluble in water.

Unilong Octyl Methoxycinnamate is primarily used in sunscreens and other cosmetics to absorb UV-B rays from the sun, protecting the skin from damage. It is also used to reduce the appearance of scars. Often used as an active ingredient in sunscreens combined with oxybenzone and titanium oxide for its use in protection against UV-B rays.

### 4. Packing and Storage:

25kg/drum or according to customer's requirement