

iSUN OMCX

INCI Name (US): Octyl methoxycinnamate

INCI Name (EU): Octyl methoxycinnamate

CAS #: 5466-77-3

General Information/ Characteristics: iSun OMCX is an organic compound that is an ingredient in some sunscreens and lip balms. It is an ester formed from methoxycinnamic acid and (RS)-2-ethylhexanol. It is a clear liquid that is insoluble in water.

Benefits / Application: Useful in sunscreen and other cosmetics to Absorb UV-B rays from sun, protecting the Skin from damage. It is compatible with most of the cosmetics ingredients.
iSun OMCX is a UV-B filter that absorbs the dangerous UV light between 280-320nm to protect skin from sunburn and cancer. With iSun OMCX an approximately SPF value of 1.5 can be expected for 1% of this filter. It is used as UV-B absorber in Sunscreen Lotion and other Cosmetics formulations.

Formulations Advices: Recommended Usage levels according to local regulations:

- ♦ US: Up to 7.5%
- ♦ Canada: Up to 8.5%
- ♦ Europe: Up to 10%
- ♦ Japan: Up to 20%
- ♦ Australia: Up to 10%
- ♦ China: Up to 10%

Regulatory Status: No specific regulation

| | | |
|-------------------------------------|---|----------------------|
| Physico-Chemical Properties: | Aspect | Oily Liquid |
| | Color | Pale yellow |
| | Acid value (mg KOH/g) | Max. 1.0 |
| | Refractive Index (20°C) | 1.5420 – 1.5480 |
| | Specific Gravity (20°C) | 1.008 – 1.020 |
| | UV Specific Extinction E1cm1% (In Methanol) | Min. 835 at 310+2 nm |
| | Assay (GC) | 95 - 105 % |

Distributed by Cospatech LLC – 3470 NW 82 AVE – SUITE 770 – 33122 FLORIDA – USA – Ph: +1-305-499-9572 Fax:+1-305-499-9577 – info@cospatech.com

We have made reasonable efforts to ensure that the information and suggestions regarding the statement of ingredients and conditions for use of our products is technically and scientifically accurate and up to date. We and our suppliers and agents neither commit nor guarantee the relevance, accuracy, presentation or use, or suitability of our products to any specific use. Such information and suggestions shall not be deemed to grant any patent license or any other intellectual property right. We cannot guarantee that the use made of our products, information and suggestions will respect the intellectual property rights of other third parties. Customers shall use our products, information and suggestions at their own risk and we will therefore not accept any liability whatsoever for any such above-mentioned accounts.



**Shelf Life / Storage
Conditions**

24 months if store away from incompatible substances.
Incompatibility: Oxidizers (Strong). Fire and explosion hazard;
protect from light.

Packaging:

35kg Carbouy or 235 / 200 kg HDPE Drum or As per customer
requirement

Distributed by Cosphatech LLC – 3470 NW 82 AVE – SUITE 770 – 33122 FLORIDA – USA – Ph: +1-305-499-9572 Fax:+1-305-499-9577 – info@cosphatech.com

We have made reasonable efforts to ensure that the information and suggestions regarding the statement of ingredients and conditions for use of our products is technically and scientifically accurate and up to date. We and our suppliers and agents neither commit nor guarantee the relevance, accuracy, presentation or use, or suitability of our products to any specific use. Such information and suggestions shall not be deemed to grant any patent license or any other intellectual property right. We cannot guarantee that the use made of our products, information and suggestions will respect the intellectual property rights of other third parties. Customers shall use our products, information and suggestions at their own risk and we will therefore not accept any liability whatsoever for any such above-mentioned accounts.

Version:

Date:

