

# AakoSun OMC

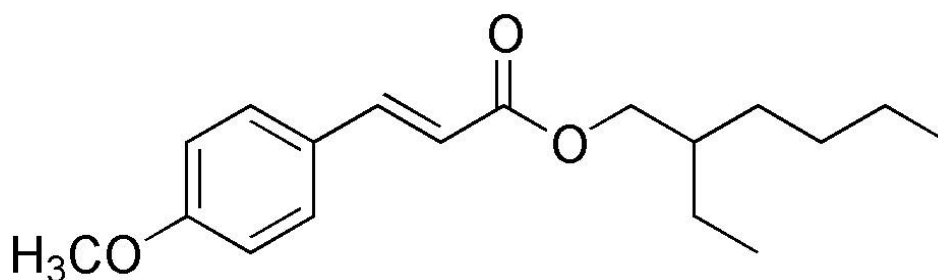
## Ethylhexyl Methoxycinnamate

### Description

AakoSun OMC is a widely used UV B filter in sunscreen and skin care products. It also acts as a photo stabilizer in cosmetic products to protect colours and fragrances. AakoSun OMC is water insoluble and therefore ideal for use in non-aqueous water resistant and waterproof sunscreen preparations. AakoSun OMC is miscible with most substances used in cosmetics, sunscreens, and perfumery and easily incorporated into preparations such as creams, lotions, oils, and milks.

See our guide formulations for inspiration.

▪ Chemical name	2-Ethylhexyl-3-(4-methoxyphenyl)-2-propenoate
▪ INCI/USAN name	Ethylhexyl Methoxycinnamate / Octinoxate
▪ CAS number	5466-77-3 / 83834-59-7
▪ Formula	C <sub>18</sub> H <sub>26</sub> O <sub>3</sub> MW 290,4 g/mol
▪ UV B absorber	Oil Soluble liquid



## AakoSun OMC

### Typical properties

Appearance	Pale yellow oily liquid
Purity	≥ 98 %
Specific Extinction (E <sub>310±2</sub> nm 1%, 1 cm in Ethanol)	835 – 865
Acidity	≤ 1.0 mg KOH/g
Refractive Index	1.542 – 1.548
Specific Gravity	1.005 – 1.013
Odour	Characteristic odour
BHT	≤ 0.1%

### Regulatory Status:

EU 10% Max.  
Regulation (EC) No 1223/2009 Annex VI entry 12

### Storage:

Must be stored in closed containers in dry cool conditions. Minimum shelf life of 2 years under appropriate conditions of storage.

