

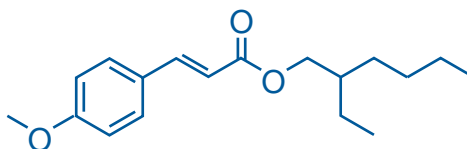


# PARSOL® MCX

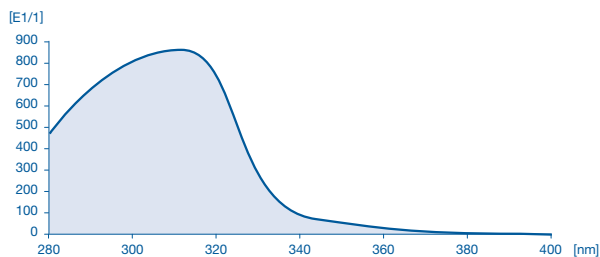
**PARSOL® MCX** is a strong UVB absorber. It is an oil soluble, colorless, odorless liquid, which can be easily incorporated in the oil phase of a sunscreen formulation. **PARSOL® MCX** boosts the SPF when used in combination with other UV filters. It is ideal for water-resistant sunscreen products. **PARSOL® MCX** is an excellent solubilizer for many solid UV filters such as **PARSOL® 1789**, **PARSOL® 5000**, Ethylhexyl Triazone, Diethylhexyl Butamido Triazone, Diethylamino Hydroxybenzoyl Hexyl Benzoate and Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine. It is approved world-wide in various concentrations.

<b>Product name:</b>	PARSOL® MCX
<b>INCI name:</b>	Ethylhexyl Methoxycinnamate
<b>USAN:</b>	Octinoxate
<b>Product code:</b>	0440469
<b>Chemical name:</b>	2-ethylhexyl-3-(4-methoxyphenyl)-2-propenoate

**Chemical structure:**



**Absorption spectrum  
E 1/1 in Ethanol:**



<b>Chemical formula:</b>	C <sub>18</sub> H <sub>26</sub> O <sub>3</sub>
<b>Molecular weight:</b>	290.4
<b>CAS:</b>	5466-77-3
<b>EINECS:</b>	226-775-7

**Specifications**

Purity:	min 95 %
Appearance:	pale yellow liquid
E 1/1:	835 – 865
Lambda max:	308 nm
Boiling point °C:	310

280 300 320 340 360 380 400

# UVB MCX

## Physical and chemical properties

<b>Solubility:</b>	easily soluble in most cosmetic oils, soluble in Ethanol, Isopropanol
As solvent	PARSOL® 1789 25 % PARSOL® 5000 25 % Diethylamino Hydroxybenzoyl Hexyl Benzoate 45 % Ethylhexyl Triazone 20 % Bis-Ethoxyphenol Methoxyphenyl Triazine 18 %
<b>Known incompatibilities:</b>	reduces the photo stability of Avobenzone above a certain concentration.
<b>Recommended use level:</b>	1 – 10%
<b>Regulatory status max concentration:</b>	ASEAN 10%, China 10%, Europe 10%, Japan 10%, South Africa 10%, USA 7.5 %
<b>Packaging:</b>	25 kg, 200 kg

DSM Nutritional Products Ltd.  
P.O. Box 3255, CH-4002 Basel, Switzerland  
[www.dsmnutritionalproducts.com](http://www.dsmnutritionalproducts.com)

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