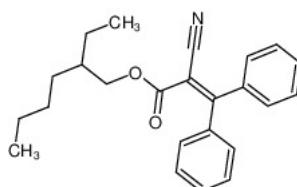


## OCTOCRYLENE

<b>Product Name:</b>	Octocrylene
<b>Product Code:</b>	MFSORB 104
<b>Chemical Name:</b>	2-Ethylhexyl 2-cyano-3,3-diphenylacrylate
<b>INCI Name:</b>	OCTOCRYLENE
<b>Other names:</b>	2-Cyano-3,3-diphenyl-2-propanoic acid 2-ethylhexyl ester, Octocrilene, UV-3039
<b>CAS No.:</b>	6197-30-4
<b>EINECS No.:</b>	228-250-8
<b>Chemical Formula:</b>	C <sub>24</sub> H <sub>27</sub> NO <sub>2</sub>
<b>Molecular Weight:</b>	361.48
<b>Use / Function:</b>	UV absorber
<b>Structure:</b>	



<b>Packaging:</b>	25kgs/drum, 200kgs/drum, 1000kgs/drum
<b>Appearance:</b>	Clear yellow viscous liquid.
<b>Storage Condition:</b>	Preserve in tight containers.

### Quality data

<b>Identification:</b>	<b>(USP)</b> A.Ultraviolet Absorption <197U> Absorptivities at 303nm do not differ by more than 3.0%. B.The retention time of major peak of the sample solution corresponds to that of the standard solution, as obtained in the Assay.
<b>Assay (GC):</b>	<b>(USP)</b> 95.0%~105.0%
<b>Purity (GC):</b>	98.0% min
<b>Specific Gravity (at 25°C):</b>	<b>(USP)</b> 1.045~1.055
<b>Refractive Index (at 20°C):</b>	<b>(USP)</b> 1.561~1.571
<b>Acidity (0.1mol/L NaOH):</b>	<b>(USP)</b> 0.18ml max
<b>Specific Extinction: (E1%, 1cm at 303nm)</b>	340~370

# SPECIFICATION

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**Gardner Color (10% in toluene):** 4 Max

**Chromatographic Purity (GC)**

**Total Impurities:** (USP) 2.0% max

**Individual Impurity:** (USP) 0.5% max

**Benzophenone:** 100ppm max

**2-Ethylhexanol:** 500ppm max

**Remark:** This product manufactured by our company meets the requirements of current USP.