

**iSUN OCR**

**INCI Name (US):** Octocrylene

**INCI Name (EU):** Octocrylene

**CAS #:** 6197-30-4

**General Information/ Characteristics:** A secondary UV-B absorber for high-SPF formulas with very high efficacy even at low concentrations thus giving excellent protection to the skin against photo damage and premature ageing. It also exhibits partial UVA absorbance tendency.

**Benefits / Application:** This oil soluble UVB filter is ideal for formulating water resistant sunscreen products. It is used as UV-B absorber in Sunscreen Lotion and other Cosmetics formulations. Due to its excellent photo stability it is used as a photo stabilizer.

**Formulations Advices:** Recommended Usage according to local regulation:

- ♦ US: Up to 10%
- ♦ Europe: Up to 10%
- ♦ Japan: Up to 10%
- ♦ China: Up to 10%
- ♦ Canada: Up to 12%

**Regulatory Status:** No specific regulation

|                                    |                         |                   |
|------------------------------------|-------------------------|-------------------|
| <b>Physic-Chemical Properties:</b> | Aspect                  | Clear Oily Liquid |
|                                    | Color                   | Yellow            |
|                                    | Assay HPLC              | Max. 98%          |
|                                    | Acid Value              | Max. 0.5 mg KOH/g |
|                                    | Refractive Index (20°C) | 1.561 – 1.571     |
|                                    | Specific Gravity (25°C) | 1.045 – 1.055     |

**Shelf Life / Storage Conditions** 24 months if store away from incompatible substances.  
Incompatibility: Oxidizers (Strong): Fire and explosion hazard, protect from light.

**Packaging:** 35kg Carboy or 200kg HDPE Drum or as per customer requirement.

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.

