

# Octocrylene

Oil-soluble UVB filter and photostabilizing ingredient for selected sun-care formulations.

|                      |                            |                                                         |
|----------------------|----------------------------|---------------------------------------------------------|
| CAS No.<br>6197-30-4 | EC / List No.<br>228-250-8 | Transport<br>Class 9 — Environmentally hazardous liquid |
|----------------------|----------------------------|---------------------------------------------------------|

## Product Information

Oil-soluble UVB filter and photostabilizing ingredient for selected sun-care formulations.

## Specifications

| Parameter               | Specification               |
|-------------------------|-----------------------------|
| Appearance              | Clear yellow viscous liquid |
| Assay by GC             | 95.0–105.0 %                |
| Purity by GC            | ≥98.0 %                     |
| Specific gravity, 25°C  | 1.045–1.055                 |
| Refractive index, 20°C  | 1.561–1.571                 |
| Acidity, 0.1 mol/L NaOH | ≤0.18 mL                    |
| Specific extinction     | 340–370                     |
| Total impurities        | ≤2.0 %                      |
| Individual impurity     | ≤0.5 %                      |
| Methanol                | ≤3000 ppm                   |

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

## Typical Properties

| Property          | Typical Value                                   |
|-------------------|-------------------------------------------------|
| Molecular formula | C <sub>24</sub> H <sub>27</sub> NO <sub>2</sub> |
| Formula weight    | 361.48 g/mol                                    |

## Applications

Sun-care emulsions: Oil-soluble UVB-filter ingredient.

Photostabilization development: Component for compatible cosmetic UV-filter systems.

Daily-care formulations: Ingredient where permitted for the destination market.

## Packaging / Storage

| Item     | Information                                                                                                                     |
|----------|---------------------------------------------------------------------------------------------------------------------------------|
| Packing  | 200 kg drums                                                                                                                    |
| Storage  | Keep tightly closed in a cool, dry place protected from light and oxidizers. Restrict access and prevent environmental release. |
| Handling | Use ventilation, suitable gloves and eye protection. Follow the matched SDS.                                                    |

## Company Contact

|                   |                                                                                               |
|-------------------|-----------------------------------------------------------------------------------------------|
| Supplier          | Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)                                                   |
| Shanghai office   | Room 1001, Building A, Caohejing Center, No. 1520 Gumei Road, Xuhui District, Shanghai, China |
| Telephone / Email | +86-21-54265599 / sales@zxchem.com.cn                                                         |
| Website           | www.zxchem.com                                                                                |