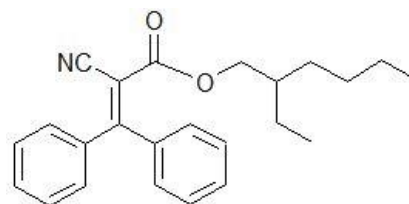


technical datasheet

105377 Eusolex® OCR

UV filter



INCI: Octocrylene

USAN: Octocrylene
(United State Adopted Name)

CHEMICAL COMPOSITION:	Chemical name	CAS NO.	Chem. Formula
	2-Ethylhexyl 2-cyano-3,3-diphenyl-2-propenoate	6197-30-4	C ₂₄ H ₂₇ NO ₂

APPEARANCE: Yellow clear viscous liquid

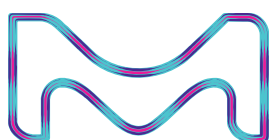
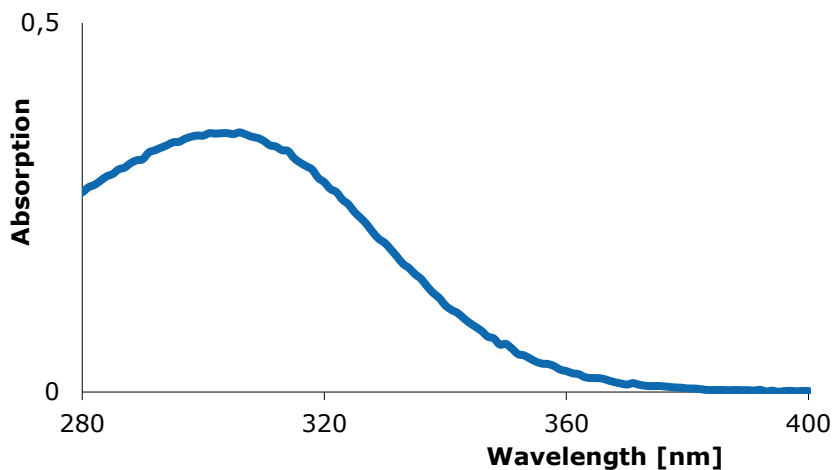
ODOR: Weak characteristic odor

FUNCTION: UVB filter
λ_{max} = 303 nm (1 mg/100 ml 2-Propanol)

TECHNICAL ASPECTS:

Solubility: Oil soluble
Extinction coefficient: 12,600

UV abs. spectrum
(1mg/100ml 2-Propanol,
1cm cuvette)



STORAGE: Tightly closed.
Storage temperature: no restriction.

SHELF LIFE: Minimum 3 years

APPLICATIONS: Sun care
Daily skin care; Skin whitening products
Decorative cosmetics with sun protection

USE LEVEL: 1 – 10 %; Observe local regulations

FORMULATION ASPECTS: To be treated like any other ingredient of the oil phase.

SOLUBILITY of solid sunscreens in Eusolex® OCR	Name / INCI	solubility
	Eusolex® 9020 (Butyl Methoxydibenzoylmethane)	22 %
	Eusolex® 4360 (Benzophenone-3)	27 %

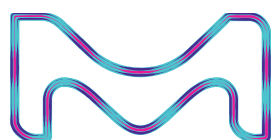
KEY PROPERTIES/ CLAIMS: Photo stable UVB filter
Excellent photo stabilizer for Avobenzone
Excellent solubilizer for crystalline UV filters
Worldwide approval

DATE OF ISSUE: September 2018

NOTES For further information, see Specification and Safety Data Sheet
and RonaProfile (Cosmetic Ingredient Dossier)

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Merck KGaA
64293 Darmstadt, Germany

Rona