

Product Data Sheet

10th March 2020



semaSORB[®] UV9825

UV absorber

CAS: 13373-29-0

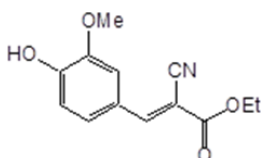
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Product description

Light protection agents for technical applications - e.g. adhesives, solvent-based paints and varnishes, PMMA, CTA, CDA

Specification



Formula

C₁₃H₁₃NO₄

Molecular weight

247,25 g·mol⁻¹

Chemical name

Ethyl-2-cyano-3-(4-hydroxy-3-methoxyphenyl)acrylate

Appearance

yellow, crystalline

Melting point

108-114°C

Identity

NMR / ESI-MS

Appearance solution (1 %, Ethanol)

yellow, clear

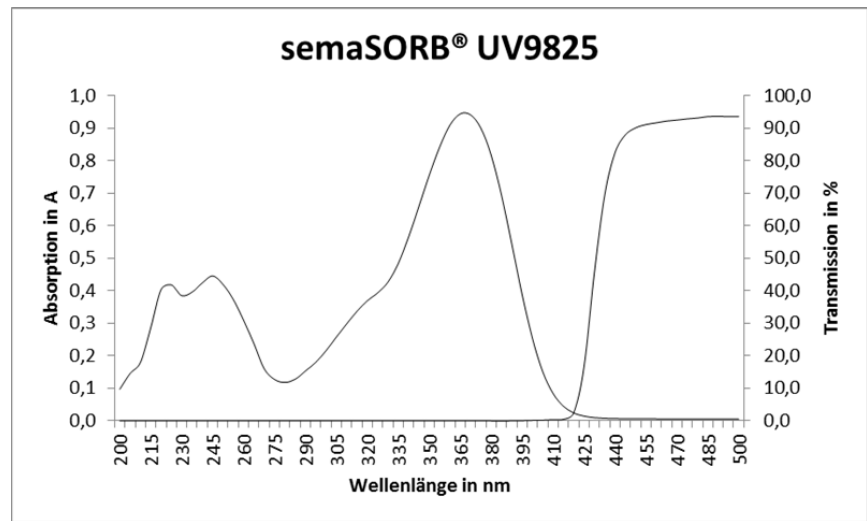
Solubility wt.% / 20°C

Acetone	22.0
Ethanol	1.5
Methanol	8.0
Isopropanol	1.0
Ethyl acetate	12.0
Polyethylene glycol (PEG) 300	2.5
Methyl methacrylate MMA	10.0
Methyl ethyl ketone	17.0
Dichloromethane/ Methanol (9:1, v/v)	> 2.0
Water	< 0.01

UV-Spectrum

Absorption: 10mg/l Ethanol

Transmission: 1g/l Ethanol

**Store age**

Dry and protected. Close opened containers again.

Safety information

When used as intended and processed correctly of semaSORB® UV9825 are no adverse effects occurred. According to our experience so far and the available information semaSORB® UV9825 causes proper handling in compliance with the instructions for handling chemicals, the necessary precautions and occupational hygiene protective measures no harmful effects on health.

The basis for our information is our current knowledge and experience. They release the user because of the multitude possible influences during processing and application of our products not from independent tests for the suitability for the intended use. Applicable laws and regulations as well as possible industrial property rights must be observed.

se ma Gesellschaft für Innovationen mbH

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