

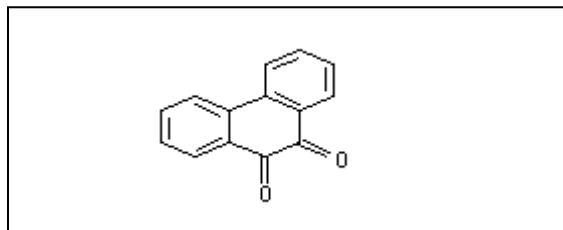


9,10 PHQ FP 5410

General

9,10 PHQ is a specialty synthesized image fixer, designed to prevent further polymerization or “fix” images after photo-polymerization. This unique material reacts with any excess photoinitiator, not consumed in the photo-polymerization process, rendering it inactive. This can be done either through brief exposure to high intensity light, or over time under visible light. 9,10 PHQ is typically added one part to every two to three parts photoinitiator.

Chemical structure:



Product information

PRODUCT TYPE:	Image fixer
PRODUCT NAME:	9,10 PHQ
CAS NUMBER:	84-11-7
TRADE NAMES:	9,10 Phenanthrenequinone, PHQ(9,10)
APPLICATIONS:	Printing
KEY FEATURES:	Image fixer
PACKAGING:	Sold as a solid
SHELF LIFE/STORAGE:	1 year when stored indoors at 25 (+/- 5) deg C

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Typical properties

APPEARANCE:	Orange Yellow To Orange Red, Crystalline Powder
PURITY:	95.0% (HPLC)
INFRARED SPECTRUM:	Match Standard
MELTING POINT:	197- 203°C (DSC)
VOLATILES:	0.5% (QPM-G05)

Safety and Handling

9,10 PHQ should be handled in accordance with good industrial practice. Detailed information is provided in the SDS.

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