

PowerCure™ 2EAQ Photoinitiator

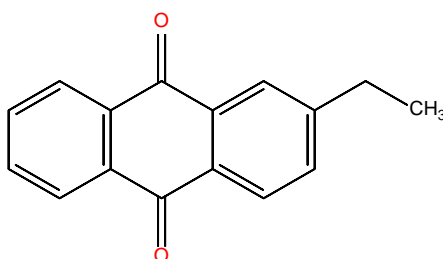
Introduction PowerCure™ 2EAQ is a derivative of anthraquinone and can be used as a photoinitiator of crosslinking or degradation of polyethylene.

Chemical Name 2-Ethyl anthraquinone

CAS Number 84-51-5

EINECS Number 201-535-4

Chemical Structure



Chemical Formula C₁₆H₁₂O₂

Molecular Weight 236.27

Physical Properties

Appearance	Pale yellow solid
Purity (%)	Min.98.5
Water Content (%)	Max.0.2
Insoluble matter in Benzene	Max.0.5
Melting Point (°C)	107-111
Flash Point (°C)	180-190
Density (g/cm ³) [20°C]	1.23-1.27

Solubility Chloroform (Slightly), DMSO (Slightly), Methanol (Very Slightly)

Benefits & Applications PowerCure™ 2EAQ can be used to produce hydrogen peroxide and as a dye intermediate.

PowerCure™ 2EAQ is also used as a sensitizer for photosensitive resin,

PowerCure™ 2EAQ Photoinitiator

photocurable resin catalyst, photodegradable film, paint and photopolymerization initiator.

Handling & Storage

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid continuous or repetitive breathing of dust. Use only with adequate ventilation. Protect skin. Avoid dust formation and ignition sources.

This product may be stored up to one year in a sealed container. Containers should be stored in a cool, dry area. Extended storage at elevated temperatures or exposure to direct heat or sunlight could reduce product life. Keep containers sealed when not in use.

For more detailed information please refer to the material safety data sheet.

Packing

PowerCure™ 2EAQ is supplied in 25Kg Bag.

Note

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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We disclaim liability for any incidental or consequential damages.