

# SpeedCure DETX

Feb-2022 v.9

## Technical Data Sheet

### General Information

SpeedCure DETX is a Norrish Type II photoinitiator of the thioxanthone family, with absorption maxima at 261, 291 and 386 nm. SpeedCure DETX provides long wavelength sensitisation of appropriate photoinitiators and depth cure when used at 0.1-5 wt% and combined with an amine synergist in UV and LED curable formulations.

### Chemical Name

2,4-Diethylthioxanthone

### CAS Number

82799-44-8

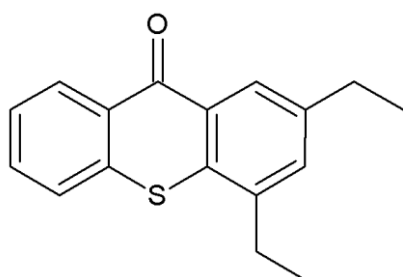
### EC Number

280-041-0

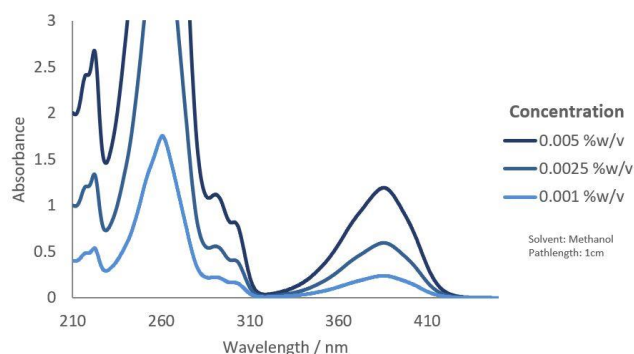
### Mol. Wt.

268.3

### Structure



### UV Spectrum



### Specification (LAM 179)

Appearance :

Pale yellow to yellow solid

Purity (GC) :

≥ 99.0 %area

Melting Range :

68.0 - 75.0 °C

Loss on Drying (60°C, 3 hours, 50-100mbar) :

≤ 0.25 %w/w

### Applications

- Pigmented systems
- Black pigmented systems
- LED curing

### Storage and Handling

Stable for at least 2 year(s) at 20°C in a sealed container in the dark. A Safety Data Sheet is available on request.

### Transport Classification

(EUROPE AND USA) NON-HAZARDOUS

### Global Inventories

REACH, EINECS, TSCA, NDSL, AICS, NZIoC, IECSC, ISHL, CSCL, ECL, PICCS, TSCI

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