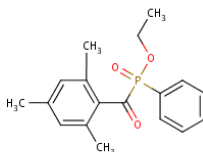




Technical Data Sheet

Product name:	TPO-L
Product Form:	Liquid
Chemical name:	Ethyl 2,4,6-trimethylbenzoylphenylphosphinate
Synonym:	Irgacure®TPO-L; Lucirin®TPO-L (BASF)
CAS No:	84434-11-7
EINECS No:	282-810-6
Molecular formula:	C ₁₈ H ₂₁ O ₃ P
Molecular weight:	316.33
IUPAC name:	ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate

Structure formula:



Chemical Specification

Assay (%)	95 min.
Flash point (°C):	100
Ignition temperature (°):	380
Density (g/cm ³):	1.1

Packing: In 20kgs net drum, 32drums on pallet

Product performance:

Ethyl 2,4,6-trimethylbenzoylphenylphosphinate. Used as an initiator for very low yellowing, white pigmented UV-lacquers, for UV screen printing inks, UV offset and UV flexo inks, for low odour overprint varnishes, paper lacquers, photoresists, printing plates, stereolithography, resins containing acrylic groups and unsaturated polyesters containing styrene. Can be used to cure paints and surfacers pigmented with titanium dioxide. Provides very low yellowing, low volatility and low odour.

Applications / Recommended for:

Coatings >> UV / Radiation Curing
 Inks >> Flexographic inks

TDS Hunan Chemical BV

Inks >> Lithographic and Offset Inks
Inks >> Screen inks
Inks >> Varnishes / Over print varnish
Other industries >> Paper coatings