

## Lencolo 5050W Waterbased Photoinitiator

### Description

**Lencolo 5050W** is an odorless and completely water-soluble UV water-based photoinitiator, which has the advantages of high photoactivity and high initiation efficiency in UV water-based systems. It also has a relatively high absorption wavelength in UV water-based systems, and the highest absorption peak is as high as 395nm; it is suitable for use in UV water-based varnishes and UV water-based paints.

### Technical data

Appearance	Transparent liquid
Purity (%)	≥98
Density (g/cm <sup>3</sup> , 25°C)	1.1±0.1
Volatile content (%)	≤0.5
Ash content (%)	≤0.1
Absorption peak (nm)	245-395

### Performance

1. Good water solubility, transparent liquid, more convenient to add and apply UV water-based system.
2. Odorless, non-yellowing, used in water-based UV varnishes, water-based UV white paints and visible light curing systems
3. The water-based UV curing rate is fast, the curing is more complete, and the residual odor is lower.
4. It can maintain a low-viscosity liquid state even in a low-temperature environment to 0 degrees, without crystallization or precipitation.

### Applications

Water-based UV varnish, water-based UV paint, water-based UV coating, water-based UV glue, visible light UV system, etc.

### Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Recommended storage temperature is not higher than 30°C. Unused products must be sealed and stored in a timely manner and cannot be stored in the open. Safe storage time is 6 months at room temperature( 25°C) and under ventilation. 25KG/barrel

**Tips: Lencolo 5050W water-based light-curing has good drying performance of surface dry and bottom dry, and can also improve the flexibility of curing film.**

Note: Technical data represents typical values only. In view of the differences in formulas, production process, conditions, all the above statements must be adjusted according to the actual situation, our company does not make any promises. Our company reserves the right to reform its products without prior notice of any changes.