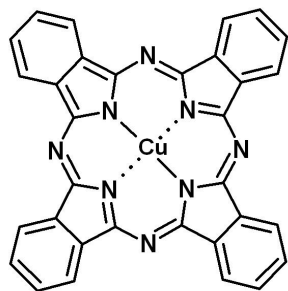


# LIONOL BLUE ES



Chemical structure

<b>Chemical Group :</b>	Phthalocyanine
<b>Colour Index :</b>	PB15:6
<b>C.I. Number :</b>	74160
<b>CAS Number :</b>	147-14-8
<b>EC Number :</b>	205-685-1

## Registration

MITI (Japan)	5-3299
TSCA (USA)	Registered

## Application

Automotive solvent	⊙
Automotive water	⊙
Industrial solvent	⊙
Decorative solvent	⊙
Decorative water	○
Powder coatings	○

⊙ Recommended    ○ Suitable

Note : The information herein and materials supplied to user is based on our general experience and where applicable, on the results of tests of typical manufacture. However, because of many factors which are outside our knowledge and control which can affect the use of these products, we decline liability for any injury, loss or damage resulting from reliance upon such information.

## Colour Chart



## Key Properties

An epsilon form phthalocyanine blue pigment with a very bright reddish shade and high colour strength. Suitable for water based paints.

## Physical Properties

Bulk density (Kg/l)	0.19
Specific surface area (m <sup>2</sup> /g)	69

## Fastness Properties

### Chemical Resistance

Water	5
Xylene	5
Ethanol	5
Ethyl Acetate	5
Acid (HCl 2%)	5
Mineral Spirit	5
Alkali (NaOH 2%)	5

resistance to solvent, acid & alkali: 1 to 5, 5 = Excellent

### Light Fastness

Full shade	8
Reduced -1/10TiO <sub>2</sub>	7

assessment according to the Wool Scale (1-8)

### Weatherability

Artificial	Solid	Full	dE=4.6
Xenon		1/10TiO <sub>2</sub>	dE=2.8
1000 hours	Metallics	3/1Al	dE=6.4
		1/10Al	dE=4.0

### Heat Stability

10' - 150 °C	5
10' - 210 °C	5

assessment according to the Gray Scale (1-5)

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