

海宁市丽彩颜料化工有限公司  
Haining Licai Pigment Chemical Trade Co., Ltd.  
中国海宁市海昌南路 426 号 P.C.Code: 314400  
426 Haichangnan Road, Haining, Zhejiang, China.

## TECHNICAL DATA SHEET

**Product Name:** Solvent Yellow 21

**Color Index No.:** C.I Solvent Yellow 21 (18690)

**Chemical Type:** Azo metal complex

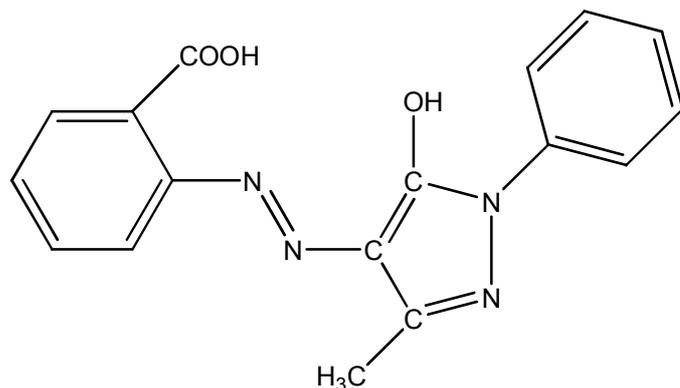
**CAS#:** 5601-29-6

**Formula:** C<sub>17</sub>H<sub>14</sub>N<sub>4</sub>O<sub>3</sub>

**Molecular Weight:** 322.32

**Molecular Structure:**

1:2 Chrome complex with following structure



**Other Trade Name:**

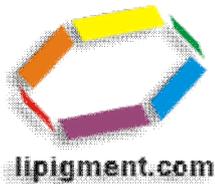
Bricosol Yellow K2RV (HAYS)

Caprozol Brilliant Yellow 2K (KRAS)

Complezol Yellow 6120 (GCIC)

**Character:** Has good compatibility and dissolubility in all kinds of organic solvent, synthetic and natural resin. Has excellent heat stability, light stability, dissolubility as well as strong stain ability.

**Use:** Mainly be used in dyeing resin, transparent paint, aluminium-foil paper, wood, blocking materials and leather.



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**Property and Performance:**

Fastness				Solubility (g/l)						
M.P. (°C)	Light	Heat	Alkali	Xylene	Methanol	Isopro- panol	Ethanol	Butanol	Isobut- anol	Ethyl Acetate
180	7	A	A	150	50	5	60	20	200	80

Toluene	MIBK	Cyclohexanone
120	500	500

**Specifications:**

Item	Index
Appearance	Yellow powder
Strength (%)	100 ± 3
Shade	Similar to standard
Moisture (%)	3.0 max
Insoluble in organic solvent (%)	0.3 max

It needs to be declared that the above data is based on our present knowledge and experience; owing to too many affecting factors, these data cannot be free from their check and test when processing and using the product.