



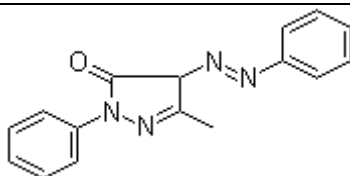
## Dynasty Chemicals (NingBo) Co., Ltd.

### TECHNICAL DATA SHEET

DSY00365

<b>Product Name:</b>	SOLVENT YELLOW 16		
<b>Chemical type:</b>	pyrazolone	<b>Chemical Formula:</b>	C <sub>16</sub> H <sub>14</sub> N <sub>4</sub> O
<b>CAS. No.</b>	4314-14-1	<b>Molecular weight:</b>	278.31
<b>EINECS No.</b>	224-330-1	<b>C.I.</b>	12700

**Molecular structure:**



Appearance:	Slight yellow powder							
Shade:	Similar with standard							
Colorimetric value:	ΔE≤±1.0; ΔL≤±1.0; ΔC≤±1.0; ΔH≤±1.0; ΔA≤±1.0; ΔB≤±1.0							
Strenght:	Corresponding to standard 100±3%							
Solubility:	Insoluble in water							
Sublimation Point:	Not available							
Melting Point:	≥159 °C							
Heat resistance:	260 °C							
Light resistance:	6-7							
Fineness:	≤ 5.0% 80meshes							
Ash:	≤ 1.0%							
Moisture:	≤ 1.0%							
Conductivity	≤ 100 us							
Solubility in Organic Solvent (g/L,20°C):	acetone	acetic ether	toluene	dichloromethane	alcohol			
	17.3	28.5	88.2	217.8	4.8			
Property:	yellow with brilliant green, excellent heat resistance and light resistance, brightness color, brilliant tone							
Application:	It is mainly used to dying plastic, resin, ink, transparent paint and molybdenum foil							
	PS	HIPS	ABS	PC	RPVC	PMMA	SAN	AS
	★	○	○	○	○	○	○	○

**Note:** Our specification stated above is base on our present state of knowledge and only provide general notes on our products and their uses.