



# Shanghai King Chemical Co.,Ltd

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## TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS

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Doc ID: TDS GLI-3365

Product denomination:	Pearlescent Pigment	IRIDESIUM -3365
TDS Number:	GLI - 3365	

Physical Properties		Test Method
Physical Form:	Dry powder	N/A
Appearance:	Platinum Gold	N/A
Particle size Range:	40-200 µm	Laser Diffraction
Density	3.0 - 3.5 g/cm <sup>3</sup>	DIN-ISO-787-10
Bulk Density	30-45 g/100ml	ISO 3923 / ISO 3953
pH 10% Aqueous Slurry	7-11	DIN-ISO-787-9
Solubility in Water	Not Soluble	N/A
Oil Absorption	70-90 g/100 g	GB/T 5211.15-88
Heat Resistance	≤ 820°C	N/A

**Storage:** Non flammable / S-Phrase S22 / Do not breathe dust

Composition - International Nomenclature of Cosmetics Ingredients (INCI) :				Nominal	Unit	Test Method
Synthetic Fluorphlogopite	CI : 77019	CAS: 12003-38-2	EINECS : 234-426-5	56-71	%	ESCA
Titanium dioxide	CI : 77891	CAS: 13463-67-7	EINECS : 236-675-5	26-35	%	ESCA
Tin dioxide	CI : 77861	CAS: 18282-10-5	EINECS : 242-159-0	0-1	%	ESCA
Diiron trioxide	CI: 77491	CAS: 1309-37-1	EINECS : 215-168-2	3-8	%	ESCA
Loss on Drying				<0.5	%	ISO787/2

**Visual And Colorimetric Evaluation** Conforms Pritty YRH

EC - Safety Data Sheet (MSDS) According to EC Directive 91/155/EEC IRID-3365