



# Shanghai King Chemical Co.,Ltd

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## TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS

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Doc ID: TDS GLI-3316

Product denomination: Pearlescent Pigment IRIDESIUM -3316

TDS Number: GLI - 3316

### Physical Properties

### Test Method

Physical Form:	Dry powder	N/A
Appearance:	Platinum Gold	N/A
Particle size Range:	30-100 µm	Laser Diffraction
Density	3.1 - 3.6 g/cm <sup>3</sup>	DIN-ISO-787-10
Bulk Density	32-45 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	65-85 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 Fluorophlogopite	CI : Unlisted	CAS: 12003-38-2	EINECS : 234-426-5	46-64	%	ESCA
Titanium dioxide	CI : 77891	CAS: 1317-80-2	EINECS : 215-282-2	31-45	%	ESCA
Tin dioxide	CI : 77861	CAS: 18282-10-5	EINECS : 242-159-0	0-1	%	ESCA
Iron Oxide	CI: 77491	CAS: 1332-37-2	EINECS : 215-570-8	5-8	%	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-3316