

# TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS



Revision: 6 Issued: Sep. 1<sup>st</sup>, 2018 Doc ID: TDS GLI-300

Product denomination:	<b>Pearlescent Pigment</b>	<b>IRIDESIUM -300</b>
TDS Number:	GLI – 300	

Physical Properties		Test Method
Physical Form:	Dry powder	N/A
Appearance:	Yellow Powder	N/A
Particle size Range:	10-60 µm	Laser Diffraction
Density	2.9 - 3.2 g/cm <sup>3</sup>	DIN-ISO-787-10
Bulk Density	24-29 g/100ml	ISO 3923 / ISO 3953
pH 10% Aqueous Slurry	8-11	DIN-ISO-787-9
Solubility in Water	Not Soluble	N/A
Oil Absorption	60-80 g/100 g	GB/T 5211.15-88
Heat Resistance	≤ 800°C	N/A

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

Composition - International Nomenclature of Cosmetics Ingredients (INCI) :				Nominal	Unit	Test Method
Mica	CI : 77019	CAS: 12001-26-2	EINECS : 310-127-6	40-56	%	ESCA
Titanium dioxide	CI : 77891	CAS: 13463-67-7	EINECS : 236-675-5	37-41	%	ESCA
Tin dioxide	CI : 77861	CAS: 18282-10-5	EINECS : 242-159-0	2-3	%	ESCA
Diiron trioxide	CI: 77491	CAS: 1309-37-1	EINECS : 215-168-2	1-5	%	ESCA
Loss on Drying				<0.5	%	ISO787/2

<b>Visual And Colorimetric Evaluation</b>	Conforms	Pritty YRH
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EC - Safety Data Sheet (MSDS) According to EC Directive 91/155/EEC IRID-300

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END OF TECHNICAL DATA SHEET