

TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS



Revision: 6 Issued: Sep. 1st,2018 Doc ID: TDS GLI-323

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|-----------------------|----------------------------|-----------------------|
| Product denomination: | Pearlescent Pigment | IRIDESIUM -323 |
| TDS Number: | GLI – 323 | |

| Physical Properties | | Test Method |
|-----------------------|-----------------------------|---------------------|
| Physical Form: | Dry powder | N/A |
| Appearance: | Yellow Powder | N/A |
| Particle size Range: | 5-25 µm | Laser Diffraction |
| Density | 3.0 - 3.3 g/cm ³ | DIN-ISO-787-10 |
| Bulk Density | 32-37 g/100ml | ISO 3923 / ISO 3953 |
| pH 10% Aqueous Slurry | 6-10 | DIN-ISO-787-9 |
| Solubility in Water | Not Soluble | N/A |
| Oil Absorption | 45-65 g/100 g | GB/T 5211.15-88 |
| Heat Resistance | ≤ 800°C | N/A |

The shelf-life of the product is 5 years.

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 | 46-50 | % | ESCA |
| Titanium dioxide | CI : 77891 | CAS: 13463-67-7 | EINECS : 236-675-5 | 23-27 | % | ESCA |
| Tin dioxide | CI : 77861 | CAS: 18282-10-5 | EINECS : 242-159-0 | 0.5-1.5 | % | ESCA |
| Diiron trioxide | CI: 77491 | CAS: 1309-37-1 | EINECS : 215-168-2 | 23-27 | % | 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-323

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END OF TECHNICAL DATA SHEET