

## TECHNICAL DATA SHEET

Effective date: 08.2022  
Rev.1

### 84 GREEN Cosmetic Pigment

#### INFORMATION ON SUBSTANCE / MIXTURE

|             |                                                       |
|-------------|-------------------------------------------------------|
| INCI        | Mica, CI 77891, CI 77510, CI 77491, CI 77861          |
| Description | Inorganic cosmetic pigment                            |
| CAS No.     | 12001.26.2-13463.67.7-14038.43.8-1309.37.1-18282.10.5 |

#### TECHNICAL DATA

##### Composition

|                     |          |              |
|---------------------|----------|--------------|
| Mica                | CI 77019 | 24.0 –34.0 % |
| Titanium dioxide    | CI 77891 | 55.0 –60.0 % |
| Ferric ferrocyanide | CI 77510 | 6.0-8.0 %    |
| Iron oxide          | CI 77491 | 5.0-7.0 %    |
| Tin dioxide         | CI 77861 | 0- 1.0 %     |

##### Physical parameters

|               |                            |
|---------------|----------------------------|
| Appearance    | Solid, powder              |
| Solubility    | Insoluble in water and oil |
| Particle size | 10-60µm                    |

##### Chemical parameters

| Heavy metals | ppm       |
|--------------|-----------|
| As           | < 2 ppm   |
| Ba           | < 50 ppm  |
| Cd           | < 3 ppm   |
| Cr           | < 100 ppm |
| Cu           | < 50 ppm  |
| Hg           | < 1 ppm   |
| Ni           | < 10 ppm  |
| Pb           | <10 ppm   |

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|    |          |
|----|----------|
| Sb | < 1 ppm  |
| Zn | < 50 ppm |

#### Microbial purity

|                            |               |
|----------------------------|---------------|
| Total viable Aerobic count | < 100         |
| E. Coli                    | Absent in 1 g |
| Pseudomonas aeruginosa     | Absent in 1 g |
| Staphylococcus aureus      | Absent in 1 g |
| Salmonella species         | Absent in 1 g |
| Candida albicans           | Absent in 1 g |

#### TRANSPORT, STORAGE and SHELF LIFE

|                    |                                                                      |
|--------------------|----------------------------------------------------------------------|
| Storage conditions | Store in closed containers, keep dry and avoid humidity.             |
| Shelf Life         | Up to 5 years, in closed packaging under the recommended conditions. |

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