

**TECHNICAL DATA SHEET**

Effective date: 10.2019

Hydrophilic White Cosmetic Pigment**INFORMATION ON SUBSTANCE / MIXTURE**

INCI	CI 77891, Phytic acid, Sodium hydroxide
Origin	Natural hydrophilic Phytic acid coating on anatase pigment titanium dioxide
Description	High purity anatase titanium dioxide
PCPC name	Titanium dioxide, Phytic acid, Sodium hydroxide
Color Index	77891

TECHNICAL DATA**Composition**

CI 77891	98 % min
Phytic acid	0 – 2 %
Sodium hydroxide	0 – 2 %

Physical parameters

Appearance	Solid, powder
Color	White
Water compatibility	Hydrophilic
Light stability	Good
Alkali stability	Good

Chemical parameters

Heavy metals	ppm
Lead	0 – 10
Arsenic	0 – 1
Mercury	0 – 1
Chromium	0 – 50
Nickel	0 – 10
Selenium	0 – 10
Zinc	0 – 50
Copper	0 – 50

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Barium	0 – 50
Cadmium	0 – 1
Cobalt	0 – 30
Antimony	0 – 2

TRANSPORT, STORAGE and SHELF LIFE

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

LEGISLATION

Certification	-
EU - 1223/2009/EC ^[1]	Annex IV : CI 77891 *
EU - 231/2012/EU ^[1]	E171
USA	Titanium Dioxide ** (meets the requirements of U.S. Title 21 CFR § 73.2575)
JAPAN	Titanium Dioxide
CHINA	CI 77891 *
EINECS	236-675-5, 201-506-6, 215-185-5
CAS	13463-67-7, 83-86-3, 1310-73-2

* Product type, body part : allowed in all cosmetics. ** exempt from certification ; for coloring cosmetics, including cosmetics applied to the area of the eye. [1] including amendments

DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.