

## 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

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Copper	0 – 50
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 <sup>[1]</sup>	Annex IV : CI 77891 *
EU - 231/2012/EU <sup>[1]</sup>	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

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