

**TECHNICAL DATA SHEET**Effective date: 04.2019
Rev.1**Yellow 09 Oxide Cosmetic Pigment****INFORMATION ON SUBSTANCE / MIXTURE**

INCI	CI 77492
Origin	Mineral pigment
PCPC name	Iron oxides
Description	New generation of high purity yellow iron oxide
Color Index	77492

TECHNICAL DATA**Composition**

Mica	55 – 70 %
CI 77491	30 – 45 %

Physical parameters

Appearance	Solid, powder
Color	Yellow ($\Delta E < 1.2$)
Solubility	Insoluble in oil and water.
Water soluble matter	Max 1.0 %
Volatile matter (105°C)	Max 1.0 %
Total iron	Min 60 %
Light stability	Good

Chemical parameters

Heavy metals	ppm
Lead	0 - 3
Zinc	0 - 35
Arsenic	0 - 1
Copper	0 - 10
Mercury	0 - 0.5
Barium	0 - 5
Chromium	0 - 25

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Cadmium	0 - 1
Nickel	0 - 10
Cobalt	0 - 15
Selenium	0 - 10
Antimony	0 - 10

TRANSPORT, STORAGE and SHELF LIFE

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

LEGISLATION

Certification	-
EU - 1223/2009/EC ^[1]	Annex IV, Part 1 : CI 77492 *
EU - 231/2012/EU ^[1]	E172
USA	Iron oxides ** (meets the requirements of U.S. Title 21 CFR § 73.2250)
JAPAN	Yellow oxide of iron
EINECS	257-098-5
CAS	51274-00-1

* 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

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