

TECHNICAL DATA SHEET

Effective date: 10.2019

Hydrophilic Black Cosmetic Pigment

INFORMATION ON SUBSTANCE / MIXTURE

INCI	CI 77499, Phytic acid, Sodium hydroxide
Origin	High purity black iron oxide
Description	Natural hydrophilic Phytic acid coated oxide
PCPC name	Iron oxides, Phytic acid, Sodium hydroxide
Color Index	77499

TECHNICAL DATA

Composition

CI 77499	94 % min
Phytic acid	3 – 5 %
Sodium hydroxide	0 – 3 %

Physical parameters

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

Chemical parameters

Heavy metals	ppm
Lead	0 – 3
Arsenic	0 – 1
Mercury	0 – 0,5
Chromium	0 – 25
Nickel	0 – 10
Selenium	0 – 10
Zinc	0 – 20

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Copper	0 – 10
Barium	0 – 1
Cadmium	0 – 1
Cobalt	0 – 15
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 under the recommended conditions.
Custom tariff	-

LEGISLATION

Certification	-
EU - 1223/2009/EC ^[1]	Annex IV : CI 77499 *
EU - 231/2012/EU ^[1]	E172
USA	Iron oxides ** (meets the requirements of U.S. Title 21 CFR § 73.2250)
JAPAN	Red oxide of iron
CHINA	CI 77499 *
EINECS	215-277-5, 201-506-6, 215-185-5
CAS	1317-61-9, 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.