

TECHNICAL DATA SHEET

Effective date: 01.2021
Rev.1

Navy Blue 17 Oxide Cosmetic Pigment

INFORMATION ON SUBSTANCE / MIXTURE

INCI	CI 77510, Talc
Origin	Mineral pigment
Chemical formula	$C_6H_4Fe_2N_7$
Chemical name	Ferric ammonium ferrocyanide
PCPC name	Ferric Ammonium Ferrocyanide, Talc
Description	High purity prussian blue
Color Index	77510

TECHNICAL DATA

Physical parameters

Appearance	Solid, powder
Color	Blue
Solubility	Insoluble in water
Mean particle size	10 - 80 μm
Light stability	Good
Acid stability	Good
Alkali stability	Poor
Specific area	30 - 40 m^2/g

Chemical parameters

Heavy metals	ppm
Lead	0 - 10
Zinc	0 - 100
Arsenic	0 - 3
Copper	0 - 50
Mercury	0 - 1
Barium	0 - 50

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Chromium	0 - 50
Cadmium	0 - 5
Nickel	0 - 50
Cobalt	0 - 30
Antimony	0 - 10
Water soluble cyanides	0 - 2
Ferric ammonium ferrocyanide content	45 - 55%

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	-
CMR	We hereby certify that the above raw material does not contain any substance classified CMR category 1A, 1B, 2 (Carcinogen, Mutagen, toxic for the Reproduction) according to the 1272/2008 (EC) Regulatory and adaptations.
Nanomaterials	According to measurement results the reference mentioned above is not considered a nanomaterial.
Animal testing	We hereby certify that the above raw material has not been tested or re-tested on animals for cosmetic purposes.
Cosmetic Regulation 1223/2009/EC & adaptations	We hereby certify that the above raw material does not contain any forbidden substance by the Cosmetic Regulation n°1223/2009 and its adaptations.
Residual solvents	We hereby certify that the above mentioned raw material is conformed to acceptable amounts for residual solvents described in the note for guidance CPMP/ICH/283/95.
EU - 1223/2009/EC ^[1]	Annex IV, Part 1 : CI 77510 *
EU - 231/2012/EU ^[1]	-
USA	Ferric ammonium ferrocyanide ** (meets the requirements of U.S. Title 21 CFR §

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	73.2298)
JAPAN	Ferric ammonium ferrocyanide
CHINA	CI 77510 *
EINECS	247-304-1/ 238-877-9
CAS	25869-00-5/ 14807-96-6

* 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.