

## Iron Oxide Black

### Specification Sheet

**Description:** Color group: black. Inorganic, high-purity pigment. Particle size range 0.3-5.0 micrometers. Mean particle size 2.27 micrometer.

**CAS:** 1317-61-9

**INCI Name:** CI 77499 (iron oxide black)

**Composition:** CI 77499 (iron oxide black)

**Appearance:** Black powder

**Benefits:**

- Provides superior color purity & saturation
- Outstanding dispersibility, no aggregate formation

**Use:** Can be tinted with titanium dioxide to create different grey shades. For external use only.

**Applications:** All kinds of color cosmetics, personal care products, soaps.

**Solubility:** Insoluble, but miscible in water & oils

**Preservation:** Preservative-free

**Storage:** Store light-protected at a cool and dry place

**Country of Origin:** France

**Raw material source:** Iron salts

**Manufacture:** Thermal decomposition of iron salts, precipitation of iron salts, and reduction of organic compounds by iron.

**Animal Testing:** Not animal tested

**GMO:** GMO-free (does not contain plant-derived components)



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**Vegan:** Does not contain animal-derived components

**HS Code:** 3206490000

**Regulatory Information:** Iron Oxide Black is a FDA-approved color additive but is exempt from batch certification. It is safe for use in coloring cosmetics generally, including cosmetics applied to the area of the eye, in amounts consistent with good manufacturing practice.