

Iron Oxide Yellow, Liquid

Specification Sheet

Description: Cosmetic-grade inorganic pigment (iron oxide yellow) dispersed in octyldodecanol and sorbitan oleate. 35-45% pigment content. Very fine dispersion (free of aggregates > 5 microns).

CAS: 51274-00-1, 5333-42-6, 1338-43-8

INCI Name: CI 77492 (iron oxides), octyldodecanol, sorbitan oleate

Composition: CI 77492 (iron oxides), octyldodecanol, sorbitan oleate

Appearance: Viscous yellow liquid, odorless

Benefits:

- High-quality extra fine color dispersion providing superior color purity and saturation.
- Can be easily incorporated into various color cosmetics.

Use: Typical Use Level: 0.1-40%. Can be tinted with other oil-dispersed colors or oil-dispersed titanium dioxide to create lighter shades. For external use only.

Applications: Decorative cosmetics as foundations, lipsticks, nail lacquers, eye liners, lip liners, lip gloss, blush, soaps, bath salts.

Solubility: Water-insoluble, oil-dispersible

Preservation: Preservative-free

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

Country of Origin: USA

Raw material source: Iron salts

Manufacture: Thermal decomposition of iron salts, precipitation of iron salts, and reduction of organic compounds by iron. Final pigment is dispersed in octyldodecanol.

Animal Testing: Not animal tested.



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

Vegan: Does not contain animal-derived components.

HS Code: 3206490000

Regulatory Information: Iron Oxide Yellow 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.