

Blue No. 1 FD&C Lake

Specification Sheet

Description: Color group: blue. Organic, FDA-approved, high-purity pigment. Synonyms: Blue 1206, acid blue 9, brilliant blue FCF. Chemical class: TPM (triphenyl methane). Dye content 11-13%.

CAS: 15792-67-3, 68921-42-6

INCI Name: CI 42090 (blue no. 1 FD&C lake)

Composition: CI 42090 (blue no. 1 FD&C lake)

Appearance: Blue powder

Benefits:

- Provides superior color purity and saturation.
- Oil soluble, water insoluble but with good dispersibility and no aggregate formation.

Use: Can be tinted with titanium dioxide to create light blue shades. For best results wet in oil before use. Typical use levels: Face makeup 0.1-10%, eye makeup 0.1-20%, lipstick 0.1-10%, nail varnish 0.1-5%, skin care 0.1-2%, toothpaste 0.1-2%. For external use only.

Applications: Decorative cosmetic products including lipsticks, nail lacquers & face makeups, personal care products, soaps. USA and EU approved for use on lips, eye area, and face.

Solubility: Water-soluble (20g/100ml)

Preservation: Preservative-free

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

Country of Origin: USA

Raw material source: 2-formylbenzenesulfonic acid

Manufacture: Blue No. 1 is a synthetic dye produced by the condensation of 2-formylbenzenesulfonic acid and the appropriate aniline followed by oxidation. The dye is then combined with a salt to create a stable pigment (lake).



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Animal Testing: Not animal tested.

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

Vegan: Does not contain animal-derived components.

HS Code: 3204130000

Regulatory Information: D&C Blue No. 1 is a FDA-approved color additive and is subject to batch certification. It may be safely used for coloring externally applied cosmetics, including cosmetics intended for use in the eye, in amounts consistent with good manufacturing practice. Batch certification means that this product has been certified batch by batch by the FDA. When we open such a FDA-certified package and repack it for you into smaller sizes, the repacked containers lose their certification. For this reason, you are not permitted by the FDA to use repacked certified color additives for producing cosmetics for resale. Please contact us if you need batch certified colors (they are available only in larger sizes).

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