

Yellow No. 5 FD&C Lake

Specification Sheet

Description: Color group: yellow (dye content 30-45%). Organic, FDA-approved, high-purity pigment. Synonym: Tartrazine. Chemical class: Pyrazolone.

CAS: 12225-21-7, 7732-18-5

INCI Name: CI 19140 (Yellow No. 5 FD&C Lake), Water

Composition: CI 19140 (Yellow No. 5 FD&C Lake), Water, Sodium Chloride

Appearance: Yellow powder.

Benefits:

- Provides superior color purity and saturation.
- Very good dispersibility and no aggregate formation when dispersed in liquids.

Use: Can be tinted with titanium dioxide to create light yellow/beige shades. For best results wet in oil before use. For external use only.

Applications: Decorative cosmetic products including lipsticks, nail lacquers & face makeups, eye makeup products, personal care products, soaps.

Solubility: Water-soluble (20g/100ml), miscible in oils.

Preservation: Sodium Chloride

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

Country of Origin: USA

Raw material source: 1-(phenyl-4-sulfonic acid)-3-carboxy-5-pyrazolone

Manufacture: Yellow No. 5 is a synthetic dye. It is manufactured by diazotizing 4-aminobenzenesulfonic acid using hydrochloric acid and sodium nitrite. The diazo compound is coupled with 4,5-dihydro-5-oxo-1-(4-sulfophenyl)-1H-pyrazole-3-carboxylic acid or with the methyl ester, the ethyl ester, or a salt of this carboxylic acid. The resulting dye is purified and isolated as the sodium salt (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: Yellow No. 5 FD&C Lake is a FDA-approved color additive and is subject to batch certification. It may be safely used for coloring cosmetics generally, including cosmetics intended for use in the area of the eye, in amounts consistent with current 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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