

Green No.5 D&C

Specification Sheet

Description: Water-soluble powdered dye also known as acid green 25 or Alizarin Cyanine Green F. Can be used for coloring in many applications including products for drugs or cosmetics (incl. the eye area and hair dye products). Melting point 235-238°C.

CAS: 4403-90-1, 7647-14-5, 7732-18-5

INCI Name: CI 61570 (green no. 5 D&C), Sodium Chloride, Water

Composition: CI 61570 (green no. 5 D&C), Sodium Chloride, Water

Appearance: Dark green powder

Benefits:

- Provides superior color purity and saturation.
- Widely used in semi-permanent hair dye products due to its water-solubility.

Use: Typical use level 0.1 - 1.0%. Add to water-based solutions. Product may stain the skin: wear gloves for formulating and applying product. For external use only.

Applications: Semi-permanent hair dye products, decorative cosmetic products including eye care products, face makeups, personal care products, soaps.

Solubility: Water-soluble

Preservation: Preservative-free

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

Country of Origin: USA

Raw material source: Petroleum or coal tar

Manufacture: Green no. 5 is manufactured synthetically from petroleum or coal tar components (chemical name: disodium 2,2'-(9,10-dioxoanthracene-1,4-diyl-diimino)bis (5-methylsulphonate)).

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: Green No. 5 D&C 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).