

Ultramarine Blue

Specification Sheet

Description: Color group: blue. Inorganic, high-purity pigment. Made from kaolin, sodium sulfate, sodium carbonate, sulfur, and charcoal.

CAS: 57455-37-5

INCI Name: CI 77007 (Ultramarine blue)

Composition: CI 77007 (Ultramarine blue)

Appearance: Fine blue powder

Benefits:

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

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

Applications: All kinds of color cosmetics (in the US prohibited for lip care products), 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: USA

Raw material source: Iron-free kaolin, sodium sulfate, sodium carbonate, sulfur, and charcoal

Manufacture: Ultramarines are obtained by calcining at temperatures above 700 °C. a mixture of kaolin, sulfur, sodium carbonate, silicious matter, sodium sulfate, and carbonaceous matter, but not necessarily all these substances, to produce a single color. The ultramarines are complex sodium aluminum sulfosilicates having a typical formula $\text{Na}(\text{AlSiO})_5$ with proportions of each element varying with each color.

Animal Testing: Not animal tested.

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

Vegan: Does not contain animal-derived components.

HS Code: 3206420000

Regulatory Information: Ultramarine Blue is a FDA-approved color additive but is exempt from batch certification. It may be safely used for coloring externally applied cosmetics, including cosmetics intended for use in the area of the eye, in amounts consistent with good manufacturing practice.