

Kaolin, USP

Specification Sheet

Description: USP grade, pure natural mineral (anhydrous aluminum silicate) composed of kaolinite with low iron content (synonyms: china clay, nacrite, kaolinite, calcined kaolin, metakaolin). Consists of 44-46% silicon dioxide, 37-40% aluminum oxide, 0.2-0.4% magnesium oxide, 0.03-0.06% calcium oxide, 0.2-0.4% ferric oxide, and 1.5-2.0% titanium dioxide. Average particle size 1.0-1.4 micrometers.

CAS: 1332-58-7

INCI Name: Kaolin

Composition: Kaolin

Purity Grade: USP Grade

Appearance: Off-white fine powder, odorless

pH Value: pH range: 5 (5% solution)

Benefits:

- Great covering ability and anti-caking properties
- Able to absorb fats from the skin
- Improves the appearance of enlarged pores
- Helps clear up breakouts and blemished skin
- Has soothing properties (ideal for sensitive skin)

Use: Can be added to formulas as is, usual final concentration 4-20%. For external use only.

Applications: Face powders, face masks, creams and lotions for oily skin, bath powders, foundation cake makeup, dry rouges, deodorants, soaps. Skin protective products.

Solubility: Water-insoluble

Preservation: Preservative-free

Storage: Store in a closed container at a dry place at room temperature

Country of Origin: USA, UK

Raw material source: Kaolin-containing mineral deposits

Manufacture: Kaolin is a hydrated aluminum silicate obtained by mining naturally occurring mineral deposits. Such deposits are purified by a dry process involving crushing, drying, pulverizing and classifying and a wet processes involving formation of a kaolin slurry followed by selective flocculation.

Animal Testing: Not animal tested

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

Vegan: Does not contain animal-derived components

HS Code: 2507000000