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Potassium Sorbate

Specification Sheet

Description: Potassium salt of sorbic acid (natural fatty acid). Purity >98%. Kosher FCC grade. In water, potassium sorbate releases sorbic acid which is the active agent. Widely used as preservative in foods & cosmetics. White, fine powder, no odor. Easily soluble in cold water.

CAS: 24634-61-5

INCI Name: Potassium sorbate

Benefits

- Effective preservative active against molds, yeast and aerophile bacteria
- Effectiveness is enhanced further by chelating agents (e.g. EDTA)
- Extends shelf life of personal care products typically to several months
- Effective in a wide pH range of (2 to 6.5)

Use: Typical concentration 0.15-0.3% (if used alone) or 0.1-0.2% (if used in combination with other preservatives). For external use only.

Applications: All kinds of cosmetic products like creams, lotions, shampoos, makeup & sunscreen products.

Country of Origin: USA

Raw material source: Sorbic acid

Manufacture: Potassium sorbate is produced by neutralizing sorbic acid with potassium hydroxide. The precursor sorbic acid is produced in a two-step process via the condensation of crotonaldehyde and ketene.

Animal Testing: Not animal tested

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

Vegan: Does not contain animal-derived components