

## Potassium Sorbate

### Specification Sheet

**Description:** Potassium salt of sorbic 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.

**CAS:** 24634-61-5

**INCI Name:** Potassium Sorbate

**Composition:** Potassium Sorbate

**Appearance:** White, fine powder, no odor

**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.

**Solubility:** Water-soluble

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

**Country of Origin:** China

**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



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**Vegan:** Does not contain animal-derived components.

**HS Code:** 2916191000