

## Potassium Sorbate

### FACT SHEET

**Description:** Potassium salt of sorbic acid (natural fatty acid). Purity >98%. 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.

**Properties:** Very effective preservative active against molds, yeast and aerobic bacteria. Effectiveness is further enhanced by chelating agents (e.g. EDTA). Effective in a wide pH range of 2-6.5 and extended periods of time.

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

**Applications:** To preserve all kinds of cosmetic products like creams, lotions, shampoos, makeup & sunscreen products.