

# POTASSIUM SORBATE

INCI Potassium sorbate  
CAS 24634-61-5

## SPECIFICATIONS

Aspect	White granular
Assay	99 – 101 %

## GENERAL INFORMATION

Potassium sorbate is a free white granular which is a polyunsaturated organic acid.

It acts as an antimicrobial agent and helps to protect personal care and cosmetic products against microorganism growth. It mainly acts on yeast and molds and inhibits the growth of bacteria.

Potassium sorbate acts as a preservative and protects cosmetic products from microbial spoilage making an important contribution to the health of consumers.

## FORMULATION & RECOMMENDATIONS

We recommend using a dosage level up to 0.15%. Potassium sorbate is effective in the acidic pH range below 6. A lower effectiveness can be reached at a pH range up to 6.5.

Potassium sorbate should be combined with other preservatives like sodium benzoate. In a combination with sodium benzoate it provides a synergistic preservative effect against yeast and mold. It is freely soluble in water and practically insoluble in ether.

### Dosage level

Recommended concentration	up to 0.15%
Solubility	freely soluble in water and practically insoluble in ether

## APPLICATIONS

### Cosmetics

- |             |            |             |
|-------------|------------|-------------|
| • Skin care | • Make-up  | • Oral care |
| • Body care | • Sun care | • Wet Wipes |

## BENEFITS

- Extend the shelf-life of cosmetic products
- Preventing the growth of bacteria, fungi and molds
- A good alternative to parabens

## PACKAGING & SHELF LIFE

### Available packaging

Carton box of 25 kg net

### Shelf life

12 months under proper storage conditions

## REGULATORY

ECOCERT/COSMOS  
NATURE

Allowed  
Allowed

