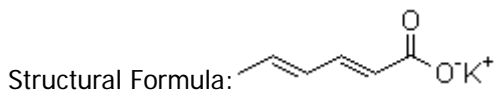


## **POTASSIUM SORBATE**

### **FOOD GRADE**

Potassium Sorbate is mainly used as Preservatives in Food.

#### **Technical Data**



Molecular Formula: C<sub>6</sub>H<sub>7</sub>KO<sub>2</sub>

Molecular Weight: 150.21

CAS No.: 590-00-1

#### **Product Specification**

		Typical
Appearance	White granule or powder	White granule
Assay	98.0%-101.0%	99.16%
Alkalinity	1.0%	< 1.0%
Acidity	1.0%	< 1.0%
Aldehyde(as Formaldehyde)	0.1%	< 0.1%
Lead(Pb)	5ppm	< 5ppm
Mercury(Hg)	1ppm	< 1ppm
Heavy metals(as Pb)	10ppm	< 10ppm
Arsenic	3ppm	< 3ppm
Loss on drying	1.0%	0.14%

#### **Regulatory Compliance**

Potassium Sorbate conforms to the requirement of FCCIV.

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## **POTASSIUM SORBATE Packaging**

### **FOOD GRADE**

#### **Applications**

Potassium Sorbate can restrain effectively the activity of mould, yeast and aerophile bacteria. Restrain growth and reproduction of the pernicious micro organism as pseudomonas, staphylococcus salmonella action to restrain growth is more powerful than killing. Meanwhile, it can not restrain useful microorganism growth as Anaerobicspore-bearing bacilli, acidophil therefore to lengthen food store period and remain food original flavor. The preservative efficiency of sorbic acid (potassium sorbate) is 5-10 times sodium benzoate.

#### **Level of Use:**

1. Soy sauce, mermalage, man-made cream, gelose soft sweets-0.1g/kg-1.0g/kg
2. Low-salt preserved vegetables insoy, noodles, candied fruit haw cake, fruit taste juice, tinned food-0.1g/kg-0.5g/kg
3. Fruit juice, fruit drink, grape wine, fruit wine-0.1g/kg-0.6g/kg
4. Carbonated wine,soda water - 0.05g/kg -0.2g/kg
5. Dried fish products, drinks of soy bean and milk, food of soy bean-0.1g/kg-1.0g/kg
- 6.

25kg kraft bag

Packaging is compliant with regulations for materials intended to come into contact with food.

#### **Storage**

Store under dry and cool condition, and keep product air-tight.

#### **Health and Safety Information**

Potassium Sorbate is one kind of nonsaturated fatty acid compounds. It can be absorbed by human body rapidly, then decomposed into CO<sub>2</sub> and H<sub>2</sub>O, moreover no remaining in body.

ADI 0-25mg/kg (based on sorbic acid FAO/WHO 1994)

LD50 4920mg/kg (large mouse by mouth)

GRAS (FDA, 182.3640 1994)

Its toxicity only 1/12 times table salts and 1/40 times sodium benzoate.

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