



Specialized in chemicals

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Technical Data Sheet

Potassium sorbate

Product Information

Chemical Name	Potassium sorbate
CAS #	24634-61-5 or 590-00-1
Formula	CH ₃ CH=CHCH=CHCOOK
Molecular Weight	150.22
Synonyms	2,4-hexadienoic acid, Potassium salt; 2,4-hexadienoic acid, Potassium salt
Chemical Structure	



Description

Colorless to white scaly crystals or crystal powder, odorless or with a slight odor.
Soluble easily in water, ethanol.

Physical Properties

Water solubility: 58.2g/100ml

Melting Point: 270°C

Safety

It is a common goods on transportation.
Always refer to the Material Safety Data Sheet (MSDS)

Specification

Items

Specification

Appearance	White Granular
Assay, %	≥99.00
Alkalinity (as K ₂ CO ₃)	≤ 1,0 %
Acidity (as Sorbic Acid)	≤ 1,0 %
Aldehyde (as Formaldehyde)	≤ 0.1 %
Lead (Pb)	≤ 2 mg/kg
Heavy Metals (as Pb)	≤ 2 mg/kg
Arsenic	≤ 3 mg/kg
Loss on Drying	≤ 1,0 %
Melting Point	270-275 ° C

Applications

Fructose is used commercially in foods and beverages, besides its low cost, is its high relative sweetness. It is the sweetest of all naturally occurring carbohydrates. Fructose is generally regarded as being 1.73 times as sweet as sucrose; The sweetness of fructose is perceived earlier than that of sucrose or dextrose, and the taste sensation reaches a peak (higher than that of sucrose) and diminishes more quickly than that of sucrose. Fructose can also enhance other flavors in the system.

Packaging

25kg in carton
14tons in 20ft container without pallets

Storage & Handling

Store in a cool, dry, well-ventilated area away from incompatible substances.
Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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