

TECHNICAL DATA SHEET

Potassium Sorbate | CAS 590-00-5

1. Product Identification

Product Name	Potassium Sorbate
CAS Number	590-00-5
Synonyms	Sorbic acid potassium salt, E202, Potassium (E,E)-hexa-2,4-dienoate
Category	Food Chemical
Available Grades	Food Grade/Technical/LR
HSN Code	2916.19

2. Physical & Chemical Properties

Molecular Formula	C ₆ H ₆ KO ₂
Molecular Weight	150.22
Appearance	White or light yellow granules
Density	1363 kg/m ³
Boiling Point	270°C (d)
Melting Point	270°C
Flash Point	None
Solubility	67.6g/100ml water

3. Applications

• Food preservative (E202) • Cosmetics preservative • Wine production • Cheese preservation • Bread preservation

4. Industries Served

Food, Cosmetics, Beverage, Research

5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.