

TECHNICAL DATA SHEET

Potassium Nitrate | CAS 7757-79-1

1. Product Identification

Product Name	Potassium Nitrate
CAS Number	7757-79-1
Synonyms	Saltpeter, KNO ₃ , E252
Category	Inorganic Salt
Available Grades	Technical/99%/LR/AR/Food Grade
HSN Code	2834.21

2. Physical & Chemical Properties

Molecular Formula	KNO ₃
Molecular Weight	101.10
Appearance	Refer to TDS
Density	2109 kg/m ³
Boiling Point	400°C (d)
Melting Point	334°C
Flash Point	None
Solubility	31.6g/100ml

3. Applications

• Fertilizer • Food preservative (E252) • Gunpowder • Chemical synthesis

4. Industries Served

Agriculture, Food, Chemical, 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.