

Product name:

Potassium nitrate

Synonyms: Nitric acid potassium salt

CAS number: 7757-79-1

<i>General information:</i>		
	Chemical formula: KNO ₃	Molar Mass: 101.10 g/mol
	Appearance: White solid	Density: 2.109 g/cm ³ (16 °C)
	Solub. in water: 320 g/L (20 °C)	Melting point: 334 °C
	Bulk Density : 800 kg/m ³	pH value : 5.0 - 7.5 (50 g/L, H ₂ O)
	Storage temp.: +2 °C to +30 °C	Cautions: Oxidizing
	R: -	S: -
	HS -No.: 28342190	EC -No.: 231- 818- 8

Hazard Symbol



Safety Information

Grade

Laboratory

Specification:				
Assay			99.0 - 100.5	%
Solubility			Conforms	
Identification (Potassium)			Conforms	
Identification (Nitrate)			Conforms	
Chloride	≤	0.03	%	
Sulfate	≤	0.1	%	
Iron	≤	10	ppm	
Arsenic	≤	3	ppm	
Limit of Sodium	≤	0.1	%	
Limit of Nitrate		Conforms		

Ordering code	1 kg	2.5 kg	5 kg	10 kg	20 kg
P.E.	561.05.01000.02				
Glass					