



Product name:

Potassium dihydrogen phosphate

Synonyms: Potassium phosphate monobasic

CAS number: 7778-77-0

General information:		
	Chemical formula: KH_2PO_4	Molar Mass: 136.09 g/mol
	Appearance: White solid	Density: 2.33 g/cm ³ (20 °C)
	Solub. in water: 222 g/L (20 °C)	Melting point: 252 °C
	Boiling point: N/A	Flash point: N/A
	Storage temp.: below +30 °C	Cautions: May be irritant
	R: N/A	S: 22
	HS-No.: 2835 24 00	EC-Index-No.: 231-913-4

Hazard Symbol

Safety Information

Grade

BP

Specification:				
	Assay		98.0-100.5	%
	Solubility		Conforms	
	Identification A		Conforms	
	Identification (Phosphate)		Conforms	
	Identification (Potassium)		Conforms	
	Appearance of Solution S		Conforms	
	pH		4.2-4.5	
	Reducing substances		Conforms	
	Chloride	≤	200	ppm
	Sulfate	≤	300	ppm
	Arsenic	≤	2	ppm
	Iron	≤	10	ppm
	Sodium	≤	0.1	%
	Heavy metals	≤	10	ppm
	Loss on drying (105 °C)	≤	2	%

Ordering code	1 kg	2.5 kg	5 kg	10 kg	20 kg
P.E.	424.20.01000.02		424.20.05000.02	424.20.10000.02	
Glass					