



Product name:

**Potassium dihydrogen phosphate**

**Synonyms:** Potassium phosphate monobasic

**CAS number:** 7778-77-0

<i>General information:</i>		
	<b>Chemical formula:</b> $\text{KH}_2\text{PO}_4$	<b>Molar Mass:</b> 136.09 g/mol
	<b>Appearance:</b> White solid	<b>Density:</b> 2.33 g/cm <sup>3</sup> (20 °C)
	<b>Solub. in water:</b> 222 g/L (20 °C)	<b>Melting point:</b> 252 °C
	<b>Boiling point:</b> N/A	<b>Flash point:</b> N/A
	<b>Storage temp.:</b> below +30 °C	<b>Cautions:</b> May be irritant
	<b>R:</b> N/A	<b>S:</b> 22
	<b>HS-No.:</b> 2835 24 00	<b>EC-Index-No.:</b> 231-913-4

Hazard Symbol

Safety Information

Grade

BP

<b>Specification:</b>				
	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	%

<b>Ordering code</b>	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					