

Product Name**Potassium dihydrogen phosphate****Grade: Laboratory****Synonyms**

Potassium phosphate monobasic

CAS Number

7778-77-0

General Information

Chemical formula:	KH ₂ PO 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**Specification**

Assay		98 - 100.5	%
Substances insoluble in H ₂ O	≤	0.2	%
pH (5%)	~	4.5	
Identification (Potassium)		Conforms	
Identification (Phosphate)		Conforms	
Solubility		Conforms	
Heavy metals(as Pb)	≤	20	ppm
Loss on drying (105 °C)	≤	1	%

Ordering Information

Volume:	1 Kg	2.5 Kg	5 Kg	10 Kg	20 Kg
Plastic	424.05.01000.02	–	424.05.05000.02	424.05.10000.02	–
Glass	–	–	–	–	–