

Product Name**Potassium dihydrogen phosphate****Grade: USP****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	%
Solubility	Conforms	
pH (1/20 %)	~ 4.5	
Identification (Phosphate)	Conforms	
Identification (Potassium)	Conforms	
Insoluble substances	0.2	%
Limit of Fluoride	≤ 10	ppm
Arsenic	≤ 3	ppm
Lead	≤ 5	ppm
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	424.04.01000.02	–	424.04.05000.02	424.04.10000.02	–
Glass	–	–	–	–	–