



Product Information Sheet

Monopotassium Phosphate Tech Grade

Monopotassium Phosphate

CAS #:	7778-77-0	Chemical Formula:	KH_2PO_4
Appearance And Odor:	Odorless, white powder solid.	Molecular Weight:	136.09

Application:

Foliar application for supplying trace elements to various crops.
Please refer to technical information for specific rates.

Chemical Analysis:

Component	Typical	Guaranteed
Assay	99.07%	98.0% Min.
Total Phosphorus (P_2O_5)	51.5%	52.0% Min.
Total Potassium (K_2O)	34.3%	34.0% Min.
Flouride (F)		20 ppm Max
Arsenic (As)	.05 ppm	2.0 ppm Max
Heavy Metals (Pb)		5.0 ppm Max
Moisture Content (H_2O)		0.2% max.
Solubility (g/10ml) 20°C		23g/100 gm/Water
Solubility (g/10ml) 40°C		34g/100 gm/Water

Physical Properties:

Component	Typical	Guaranteed
pH: (1% Solution):	4.5%	4.2 Min - 4.6 Max
Water Insolubles	0.1% Max	0.1% Max
Bulk Density	1.3 gm/cm ³	
Salt Index		8.4%

Packaging:

50 lb bags on shrink-wrapped pallets; 2,000 lb big bags, store in ambient temperatures and dry place. Avoid direct exposure to sunlight.

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