



Product Information Sheet

Monoammonium Phosphate, Technical

Ammonium Phosphate, Monobasic

CAS #:	7722-76-1
Chemical Formula:	$(\text{NH}_4)\text{H}_2\text{PO}_4$
Appearance And Odor:	White solid crystal, odorless
Molecular Weight:	115.03

Application:

Dry fertilizers; Flame-proofing of wood; Pulp and Paper - Flame-proofing of specialty paper and fabrics; Acidulation agent in dye baths; Fire extinguishers

Chemical Analysis:

Component	Typical	Guaranteed
Main Content $(\text{NH}_4)_2\text{HPO}_4$	99.01%	98.5% min.
Total Nitrogen as N	12.08%	11.5% min.
Total Phosphorus (P_2O_5)	61.5%	60.5% min.
Moisture Content (H_2O)	0.12%	0.15% max.

Physical Properties:

Component	Typical	Guaranteed
pH: (1% Solution):	4.5	4.4 - 4.8
Water Insolubles	0.043%	0.10% Max
Bulk Density	No data available	

GHS Labeling Information:

Signal Word

None