

## Mineral Fact Sheet

<b>Monoammonium phosphate</b>	
<b>Formula:</b>	NH <sub>4</sub> H <sub>2</sub> PO <sub>4</sub>
<b>CAS No.:</b>	7722-76-1
<b>EC No.:</b>	231-764-5
<b>Feed Materials Catalogue:</b>	11.3.17
<b>Manufacturing Process:</b>	
Mono-ammonium phosphate is produced by reaction of ammonia with purified feed grade phosphoric acid.	
<b>Characteristics:</b>	
Total phosphorus	26 %
Soluble phosphorus	100 % in 2% citric acid
	> 95 % in alkaline ammonium citrate
	> 50 % in water
Nitrogen	11 %
pH (1% solution)	3.5 – 4
Ash insoluble in HCl	0.4 %
Moisture	0.3 %
Appearance	white granulate
Apparent density	0.75 kg/l loose
	0.9 kg/l tapped
<b>Handling, storage, toxicity:</b>	
Non toxic	
Avoid dust formation	
Store in a dry place, material is slightly hygroscopic	
<b>Specific information:</b>	
Highly palatable phosphorus source, high phosphorus content, calcium free phosphorus source	