

## Mineral Fact Sheet

<b>Magnesium phosphate</b>	
<b>Formula:</b>	MgHPO <sub>4</sub> x n H <sub>2</sub> O
<b>CAS No.:</b>	7757-86-0
<b>EC No.:</b>	231-823-5
<b>Feed Materials Catalogue:</b>	11.3.8
<b>Manufacturing Process:</b>	
Magnesium phosphate is obtained by reaction of magnesium sources with purified feed grade phosphoric acid.	
<b>Characteristics:</b>	
Total phosphorus	13 - 15 %
Soluble phosphorus	> 90 % in 2% citric acid > 95 % in alkaline ammonium citrate
Magnesium	24 - 28 %
pH (1% solution)	8 - 10
Ash insoluble in HCl	1 - 4 %
Moisture	0.3 - 1 %
Appearance	off white fine or coarse granulate
Apparent density	0.75 - 0.95 kg/l loose 0.80 - 1.05 kg/l tapped
<b>Handling, storage, toxicity:</b>	
non toxic	
avoid dust formation	
no special storage precautions	
<b>Specific information:</b>	
Highly palatable and available magnesium and phosphorus source, non reactive, non hygroscopic	