

Mineral Fact Sheet

Phosphate containing calcium carbonate	
Formula:	$\text{Ca}(\text{H}_2\text{PO}_4)_2 \times n \text{H}_2\text{O} + \text{CaCO}_3$
CAS No.:	7758-23-8
EC No.:	231-837-1
Feed Materials Catalogue:	-
Manufacturing Process:	
Product containing monocalcium phosphate and extra calcium carbonate and is obtained by reaction of a calcium source with purified feed grade phosphoric acid.	
Characteristics:	
Total phosphorus	18 %
Soluble phosphorus	> 95 % in 2% citric acid
	> 95 % in alkaline ammonium citrate
	75 % in water
Calcium	21 %
Ca : P ratio	1.17 : 1
pH (1% solution)	4.0 – 5.0
Ash insoluble in HCl	< 1 %
Moisture	< 3 %
Appearance	greyish granulate
Apparent density	0.9 kg/l loose
	1.0 kg/l tapped
Handling, storage, toxicity:	
Non toxic	
No special handling precautions	
Store in a dry place	
Specific information:	
Free flowing, granulated, non-dusty, non hygroscopic, Ca : P ratio optimal in standard feed	