

Mineral Fact Sheet

Sodium-calcium-magnesium phosphate	
Formula:	$(\text{Na,Ca,Mg})(\text{H}_y\text{PO}_4) \times n \text{ H}_2\text{O}$
CAS No.:	-
EC No.:	-
Feed Materials Catalogue:	11.3.9
Manufacturing Process:	
Sodium-Calcium-magnesium phosphate is a chemical complex of dicalcium phosphate, dimagnesium phosphate and disodium phosphate. Sodium-calcium-magnesium phosphate is produced by means of reaction of calcium, magnesium and sodium with purified phosphoric acid.	
Characteristics:	
Total phosphorus	17.5 %
Soluble phosphorus	100 % in 2% citric acid
	95 % in alkaline ammonium citrate
	50 % in water
Sodium	12.0 – 14.5 %
Calcium	7.5 – 8.5 %
Magnesium	4.5 – 5.5 %
pH (1% solution)	7.5 – 8.5
Ash insoluble in HCl	1 %
Appearance	off white granulate
Apparent density	1.0 – 1.2 kg/l loose
Handling, storage, toxicity:	
Non toxic	
Avoid dust formation	
No special storage precautions	
Specific information:	
Balanced complex of essential minerals, granulated, free flowing, highly palatable, non reactive, non hygroscopic	