

# Monocalcium Phosphate (MCP)

## Micro-Granules

CAS N°	EINECS N°	Chemical formula	Feed material catalogue number
7758-23-8	231-837-1	Ca(H <sub>2</sub> PO <sub>4</sub> ) <sub>2</sub> .H <sub>2</sub> O	11.3.3

### Manufacturing process

Produced in Serbia and obtained by reaction of a calcium source with purified phosphoric acid

### Chemical specifications

Parameters	Typical values	Analytical methods
Phosphorus – P	22.7 %	Extraction / Spectrophotometry
Solubility in citric acid	> 95 %	Extraction / Spectrophotometry
Solubility in water	80 %	Extraction / Spectrophotometry
Calcium - Ca	16 %	Volumetry
Moisture – H <sub>2</sub> O	2 %	Drying at 105°C for 4 h
pH	3-4	Potentiometry

### Physical specifications

Appearance	White coloured micro-granules
Bulk density	0.7 – 0.8
Particle size	0.2 mm – 1.4 mm : 90%

### Packaging

Bulk, Bag 25 kg (paper bag), Big bag 1T (polypropylene)

### Recommendations

The product should be stored in a dry place up to 3 years after the packing date. Not classified as a dangerous substance in accordance with current transportation norms.

### Intended uses

This product is used as a mineral raw material for feedstuff and complies with European Regulation : n°767/2009 for feed market, Directive 2002/32/EC, Regulation (EU) 574/2011 and (EU) n°277/2012 regarding undesirable substances in animal feed. Specifications are guaranteed at factory exit.

