

DATA SHEET		Monocalcium Phosphate (F)	
Chemical name	Monobasic calcium phosphate monohydrate		
Chemical formula	Ca(H ₂ PO ₄) ₂ x H ₂ O	CAS n°: [10031-30-8]	EC n°: [600-059-8]
Commercial name	Monocalcium Phosphate, MCP 11.3.3 – Catalogue of feed materials Reg. (EU) No 2017/1017		
Description	It occurs as a white, odourless, granulated powder, chemically obtained from inorganic sources. Highly soluble in water, it's readily soluble in common diluted acids and in ammonium citrate.		
Chemical characteristic (Typical values)	<div>Total Phosphorus (P) = (22.5 ± 0.5) % Calcium (Ca) = (16.0 ± 1.0)% Ca/P = 0.75 Moisture = 1.0% max pH (1% solution in water) = 3.5 – 4.5</div> <div><div>Undesirable substances</div><div>Fluorides < 0.2% Cadmium < 10 mg/kg Lead < 15 mg/kg Arsenic < 10 mg/kg Mercury < 0.1 mg/kg Dioxins (WHO-TEQ) < 0.75 ng/kg Dioxins + dioxin-like PCBs < 1.0 ng/kg non-dioxin-like PCBs < 10 µg/Kg</div><div>Bioavailability indicators</div><div>Solubility of Phosphorus in: - citric acid 2%: 95% min - neutral ammonium citrate : 95% min - alkaline ammonium citrate: 95% min - water: 75 - 90%</div></div> <div><div>EU Standards</div><div>max 0.2 % max 10 mg/kg max 15 mg/kg max 10 mg/kg max 0.1 mg/kg max 0.75 ng/kg max 1.0 ng/kg max 10 µg/Kg</div><div>(Met. 71/393/CEE) (Complessometry) (Thermogravimetric Met.) (Potentiometry) (Met. 77/535/CEE 3.1.3) (Met. 77/535/CEE 3.1.4) (Met. 77/535/CEE 3.1.5.1) (Met. 77/535/CEE 3.1.5)</div></div>		
Physical characteristics (Typical values)	<div>Apparent density</div> <div>Loose: 0.8 -0.9 kg/dm³ Tapped: 0.9 -1.0 kg/dm³</div> <div>Particle size:</div> <div>> 1.25 mm = 3% 1.25 mm - 0.125 mm = 90% < 0.125 mm = 7%</div>		

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CAPITALE SOCIALE: € 227.480,00 P.IVA: 01781890239 ISCRIZIONE C.C.I.A.A./C.F.: 00810480152

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Recommended uses	Feedingstuff, according to Reg. (EC) n. 178/2002 and Reg. (EC) n. 183/2005.
Labelling -Compulsory declarations	<p>The type of feed: "feed material"</p> <p>The name of the feed material: monocalcium phosphate</p> <p>Calcium and total Phosphorus</p> <p>The name and the address of responsible for the labelling</p> <p>The batch or lot reference number</p> <p>The net quantity expressed in units of mass</p> <p><i>According to Reg. (EC) No. 767/2009 and Reg. (EU) No 1017/2017.</i></p>
Packaging	Bulk, PE bag 25 Kg net, big-bag 1000 -1400 Kg net.
Handling and storage	Monocalcium phosphate is a mineral, which is a stable feed. It should be stored in a dry cool and hygienic place, in properly packaging.
Quality Assurance	<p>GMP+ FSA Assured</p> <ul style="list-style-type: none"> GMP+ B1, scope "Production of and trade in feed materials"

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