

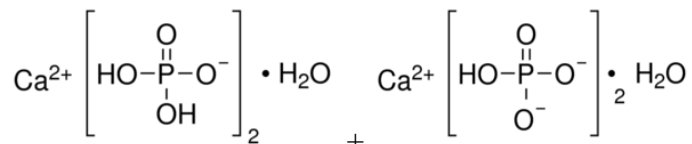
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### Mono Dicalcium Phosphate (MDCP) R – Feed Grade



**Calcium biphosphate hydrated + Dicalcium phosphate dihydrate; Monobasic calcium phosphate + Dicalcium phosphate dihydrate**

#### CHEMICAL CHARACTERISTICS

CAS N°:	10031-30-8 + 7789-77-7
EINECS N°:	231-837-1 + 231-826-1
Molecular Formula:	CaHPO4.2H2O + Ca(H2PO4)2.H2O
Molecular Weight (g/mol):	NC
Physical Description:	White powder – semi granular form
Density (t/m3):	0.95 – 1.00

#### TECHNICAL PROPERTIES

Mass fraction of total phosphorus (in terms of P), not less than %	21.0
Mass fraction of total phosphorus soluble, % of total phosphorus:	
- in 2% citric acid, not less than %	95.0
- in water, not less than %	80.0
Mass fraction of total calcium (Ca), not less than, %	17.1 – 17.5
Mass fraction relation of calcium to phosphorus (Ca/P), not less than	0.81 – 0.83
Mass fraction of fluorine (F) not more than, %	0.20
Mass fraction of moisture (at t 105 °C for 3 hours), not more than, %	3.0
pH of water solution with mass fraction 1%	3.2 – 3.5
Particle size:	
- > 2 mm, %	5
- 0.5 mm – 2.0 mm, not less than, %	85
- < 0.5 mm, not more than, %	10

#### APPLICATION

Mono Dicalcium Phosphate (MDCP) is used as a food supplement for livestock and poultry, as a restorative for mineral deficiencies (phosphorous and calcium) in a diet.  
 It facilitates the metabolism of livestock and poultry, strengthening their bone structure, immune and reproductive systems.



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**PACKING & STORAGE**

Mono Dicalcium Phosphate (MDCP) is packed in 25 kg polypropylene bags or special big bag containers (4 sling) with a maximum mass of 1 ton.  
 Mono Dicalcium Phosphate (MDCP) is stored in the manufacturer's packaging in dry heated storage rooms on wooden shelves or pallets at a temperature of 10°C to 30°C, relative humidity of 70%.

**GUARANTEED SHELF LIFE**

Recommended shelf life of Mono Dicalcium Phosphate (MDCP) is 24 months from the manufacture date.  
 No expiry date when stored according to requirements.

**TRANSPORT**

Mono Dicalcium Phosphate (MDCP) can be transported by all types of transport in accordance with Goods Transport Rules applicable for this vehicle of product.

**CERTIFICATION**

Product safety is confirmed by the Safety Data Sheet.  
 The MDCP productions process is certified for compliance with the HACCP & GMP+ B2 International Feed Safety Standards.

By more information contact to: [sales@dirox.com.uy](mailto:sales@dirox.com.uy)

