

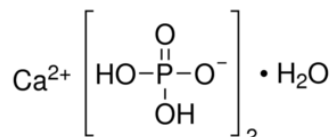
Office:

Tomás Diago 748
 Montevideo – Uruguay
 Tel.: +598 2710 4348 – 2710 6351
 Fax: +598 2711 7516
 Email: sales@dirox.com.uy
 Web: www.dirox.com.uy

**Plant:**

National Route N° 1 Km. 48
 Libertad – San José - Uruguay
 Tel.: +598 4345 4186 - 4256
 Fax: +598 4345 4255
 Email: secretarialib@dirox.com.uy
 Web: www.dirox.com.uy

Mono Calcium Phosphate (MCP) C – Feed Grade



Calcium biphosphate; Monobasic calcium phosphate; Calcium dihydrogen phosphate; Acid calcium phosphate; Primary calcium phosphate

CHEMICAL CHARACTERISTICS

CAS N°:	10031-30-8
EINECS N°:	231-837-1
Molecular Formula:	Ca(H ₂ PO ₄) ₂ ·H ₂ O or CaH ₆ O ₉ P ₂
Molecular Weight (g/mol):	252.07
Physical Description:	White granular powder
Specification:	Cumplies to GB/T 22548-2008

TECHNICAL PROPERTIES

Mass fraction of total phosphorus (in terms of P), not less than %	22.7
Solubility, % of total phosphate (in terms of PO ₄), %:	
- in water, not less than %	20.0
Mass fraction of total calcium (Ca), not less than %	13.0
Mass fraction of fluorine (F) not more than, %	0.18
Mass fraction of arsenic (As) not more than, ppm	0.003
Mass fraction of cadmium (Cd), not more than, ppm	0.001
Mass fraction of mercury (Hg), not more than, ppm	0.1
Humidity, not more %	2.0
Particle size:	
- < 0.5 mm, not less than, %	95

APPLICATION

Monocalcium Phosphate is used to supply mineral nutrition such as phosphorus (P) and calcium (Ca) for animal, which can be easily digested and absorbed.
 Extensively applied as additives of Phosphorous and Calcium in aquatic animals feed.
 Higher water solubility of MCP is required in aquatic animals feed.



Office:

Tomás Diago 748
 Montevideo – Uruguay
 Tel.: +598 2710 4348 – 2710 6351
 Fax: +598 2711 7516
 Email: sales@dirox.com.uy
 Web: www.dirox.com.uy

**Plant:**

National Route N° 1 Km. 48
 Libertad – San José - Uruguay
 Tel.: +598 4345 4186 - 4256
 Fax: +598 4345 4255
 Email: secretarialib@dirox.com.uy
 Web: www.dirox.com.uy

PACKING & STORAGE

Monocalcium Phosphate (MCP) is packed in 25 kg plastic woven bags with PE lining or subject to buyer's requirement.
 Monocalcium Phosphate (MCP) is stored in the manufacturer's packaging in at the ventilated place, avoiding rain, moisture and insolation.
 Please handle with care to prevent bag damage, store away from toxic substances.

GUARANTEED SHELF LIFE

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

TRANSPORT

Monocalcium Phosphate (MCP) 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.
 Passes the tests according to GB/T 22548-2008.

By more information contact to: sales@dirox.com.uy

