



PRODUCT INFO
& DATASHEET

SICO-MAP HG 12.61.0

MONO AMMONIUM PHOSPHATE

Horticultural Grade

- Origin EU -

09/2026

1/ PRODUCT DESCRIPTION

Brand name: SICO-MAP HG, Mono-Ammonium Phosphate, horticultural grade
Chemical name: Ammonium Dihydrogenorthophosphate
Molecular formula: $\text{NH}_4\text{H}_2\text{PO}_4$
Reach Reg.: 01-2119488166-29
Appearance: white crystalline powder

2/ PRODUCT SPECIFICATIONS

*** Chemical composition & Certificate of Analysis**

Total Nitrogen (N):	12%	+/- 1.5% w/w
Ammoniacal Nitrogen (N)NH ₄ :	12%	+/- 1.5% w/w
Phosphorus Pentoxide (P ₂ O ₅):	61%	+/- 1.5% w/w

The nutrient content is guaranteed according to Regulation (EU) No 2019/1009 of the European Parliament and of the council of 5 June 2019 relating to fertilisers.

*** Heavy metals and other elements**

Arsenic (AS)	< 3 mg/kg	Nickel (Ni)	< 5 mg/kg
Cadmium (Cd)	< 1 mg/kg	Zinc (Zn)	< 5 mg/kg
Chrome (Cr)	< 15 mg/kg	Chloride (Cl)	0.0005 %
Mercury (Hg)	< 0.1 mg/kg	Sodium (Na)	< 0.005 %
Lead (Pb)	< 1 mg/kg	Chrome (Cr VI)	< 1 mg/kg

*** Physical properties**

Density:	0.95	+/- 0.05 g/cm ³
pH:	4.5	+/- 1 (in 1% solution)
Electric conductivity (EC):	0.8	+/- 0.2 mS/cm (in 0.1% solution)
Solubility:	380 g/l	
Insolubles:	< 0.1%	
Moisture:	< 0.2%	

3/ PACKING

in 25 kg white plastic bags with product label, on pallets of 1200 kg net, 24 MT/20' container.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy itself of the suitability for its own particular purpose.
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