



PRODUCT INFO  
& DATASHEET

# SICO-MAP 12.61.0

## MONO AMMONIUM PHOSPHATE - Type 4

Purified process (with extra low heavy metals) soluble grade fertiliser  
- Made in China -

15/05/2017

### 1/ PRODUCT DESCRIPTION

Product name: Mono-ammonium phosphate  
CAS number: 7722-76-1

### 2/ Introductory remark

We have 4 different grades & qualities of SICO-MAP 12.61.0 from our Chinese plant.

- 1) our cheapest soluble MAP, produced by **wet process** from rock phosphate (Type 3) – our most popular type
- 2) our **hot process soluble grade** of soluble MAP produced from 85% phosphoric acid and liquid ammonia (Type 2)
- 3) the special **hot process technical superior soluble grade** quality SICO-MAP = a special grade to produce liquid fertiliser (Type 1)
- 4) our special **Purified process soluble grade** with extra low heavy metals (with REACH Certificate) (Type 4)

### 3/ PHYSICAL AND CHEMICAL PROPERTIES

Appearance: colorless or white crystal

### 3/ SPECIFICATIONS

#### Standard

Main content (NH <sub>4</sub> H <sub>2</sub> PO <sub>4</sub> )	99% min.
Nitrogen (N)	11.9% min.
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	61% min.
<b>Moisture</b>	<b>0.2% max.</b>
<b>Water Insolubles</b>	<b>0.1% max.</b>
pH value	4.2-4.8

#### Heavy metals analysis

#### Standard

Arsenic (as As)	0.0003% max.
Fluoride (as F)	0.005% max.
Lead (as Pb)	0.001% max.
Sulfates (as SO <sub>4</sub> )	0.005% max.
Chloride (as Cl)	0.001% max.
Iron (as Fe)	0.003% max.

### 4/ APPLICATIONS

\* Used as fertiliser in agricultural crops.

It is applied after being dissolved in water through the irrigation system or as a foliar spray.

\* Used as a fire retardant for fabric, wood and paper.

\* Used as a basic raw material for NPK compound fertilisers

### 5/ PACKING

in 25 kg net wpp + pe SICO bags (25 MT/20 ft container if loose bags or 22 MT/20 ft container if bags on pallets)

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