



**PRODUCT INFO
& DATASHEET**

SICO-SOLMAP CR

*water soluble Mono Ammonium Phosphate 12.61.0 fertiliser (crystalline)
Chinese origin, cleared into E.U., shipped ex Antwerp, Belgium*

10/2023

1/ PRODUCT DESCRIPTION

TRADE NAME	SICO-SOLMAP CR
CHEMICAL NAME	Mono Ammonium Phosphate
CHEMICAL FORMULA	NH ₄ H ₂ PO ₄
CAS No	7722-76-1

2/ PRODUCT SPECIFICATIONS

*** CHEMICAL SPECIFICATIONS**

Purity	%	>	98.0
Total Nitrogen	N	%	12.0
Ammoniacal Nitrogen	NH ₄	%	12.0
Phosphorous Pentoxide	P ₂ O ₅	%	61.0
Moisture	%	<	0.2
Sodium	Na	ppm.	< 100
Cadmium	Cd	ppm	< 1
Hexavalent Chromium	Cr VI	ppm	< 1
Mercury	Hg	ppm	< 0.5
Nickel	Ni	ppm	< 20
Lead	Pb	ppm	< 10
Inorganic Arsenic	As	ppm	< 30

*** PHYSICAL SPECIFICATIONS**

Appearance	white crystalline powder
Acidity 1% solution	pH 4.35
Solubility in water of 20° C	g/l 355
Density	g/cm ³ 1.81

3/ PACKING

- 1200 kg big bags, 24 MT/20' fcl
- 25 kg wpp + pe bags on pallets, 24 MT/20' fcl

4/ SHELF LIFE

min. 2 years, if properly stored, dry & away from direct sunlight

¹ Tolerances according to the Fertiliser Product Regulation "FPR" (EU 2019/1009).

Methods of sampling and of analysis and analysis tolerances & deviations allowed as per E.C. regulations.
https://eur-lex.europa.eu/resource.html?uri=cellar:afaa9799-bcff-486f-8c45-d51052c754bf.0004.01/DOC_84&format=PDF

The E.C. methods of sampling & analysis, allowed tolerances & regulations etc. can be found on internet
<https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32019R1009>
Also tolerances on analysis are as per regulation (EC) nr. 2003/2003 of the European Parliament and of the Council of 13 October 2003 relating to fertilisers.

Information in this publication is believed to be accurate and is given in good faith, but it is for the customer to satisfy itself of the suitability for its own particular purpose. No representation, warranty or guarantee is made as to its accuracy, reliability or completeness. Use this product according to the material safety datasheet (MSDS), which is available on request.

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SAP INTERNATIONAL CORPORATION by Krekelenberg 83, B-2980 Zoersel, Belgium
Tel. +32-3-309.06.51 Email : info@sico.be Website : www.sico.be