



**PRODUCT INFO
& DATASHEET**

SICO-SOLMKP CR

*water soluble Mono Potassium Phosphate 0.52.34 fertiliser (crystalline)
Chinese origin, cleared into E.U., shipped ex Antwerp, Belgium*

10/2023

1/ PRODUCT DESCRIPTION

TRADE NAME	SICO-SOLMKP CR
CHEMICAL NAME	Mono Potassium Phosphate
CHEMICAL FORMULA	KH_2PO_4
CAS No	7778-77-0

2/ PRODUCT SPECIFICATIONS

*** CHEMICAL SPECIFICATIONS**

Purity	%	>	99.0
Phosphorous Pentoxide	P2O5	%	> 52
Phosphorous	P	%	> 22.7
Potassium Oxide	K2O	%	> 34
Potassium	K	%	> 28.2
Moisture	H2O	%	< 0.2
Nickel	Ni	ppm	< 3
Copper	Cu	ppm	< 5
Arsenic	As	ppm	< 20
Cadmium	Cd	ppm	< 0.1
Mercury	Hg	ppm	< 0.05
Lead	Pb	ppm	< 5
Chromium	Cr	ppm	< 1
Zinc	Zn	ppm	< 10
Water insolubles	%		0.2

*** PHYSICAL SPECIFICATIONS**

Appearance		white crystals
Acidity 1% solution	pH	4.4 – 4.8
Solubility in water of 20° C	g/l	183

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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