



PRODUCT INFO
& DATASHEET

From Russia with love ...

SICO-SOLU -MKP 0.52.34

Completely water soluble crystalline MONO POTASSIUM PHOSPHATE

$\text{KH}_4\text{PO}_4 \geq 99.0\%$

Made in Russia

03/2020

1. INTRODUCTION

Monopotassium phosphate is the most highly concentrated in phosphorus soluble PK fertilizer. It is used both in protected and open field for any phenological stages of plant development, also for foliar application.

SICO-SOLU -MKP 0.52.34 is 100% soluble in water, quickly absorbed by plants, which allows to use it for root application through irrigation systems.

It is especially recommended to use in hydroponics, as it does not contain chlorine and any insolubles.

Do not mix with calcium- and magnesium-containing products.

2. PRODUCT SPECIFICATIONS – QUALITY CHARACTERISTICS

*** Indicative chemical analysis**

- P ₂ O ₅ , %	52	- Fluorine (F), ppm, max	200
- K ₂ O, %	34	- Lead (Pb), ppm, max	4
- Humidity, %, max	0.3	- Cadmium (Cd), ppm, max	0.5
- Insolubles, %, max	0.04	- Mercury (Hg), ppm, max	1
- pH (0.1 % solution)	4-5	- Arsenic (As), ppm, max	2
- Turbidity, NTU, max	25		
- Solubility in water at 20 °C, g/1000 cm ³	220		

*** Physical properties**

- Appearance	white crystals
- Friability, %	100

3. STORAGE

Store in covered storage facilities that exclude penetration of precipitation and ground water.

Warranty period is 1 year from the date of manufacture under the recommended conditions for transportation and storage.

Shelf life is unlimited.

4. PACKING

The product is packed in 25 kg and 50 lbs laminated polypropylene bags with polyethylene liner and in 1000, 1200 and 1250 kg big-bags.



Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose.
No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

SAP INTERNATIONAL CORPORATION bvba Krekelenberg 69, B-2980 Zoersel, Belgium
Tel. +32-3-309.06.51 Fax. +32-3-309.19.31 Email : info@sico.be Website : www.sico.be

SICO FERTILISERS
EVERY TIME THE *right* SOLUTION