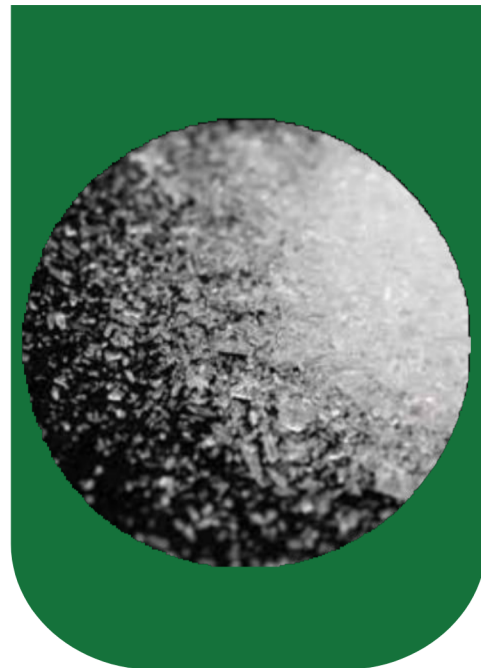


# Monopotassium phosphate purified (MKP)

**$\text{KH}_2\text{PO}_4 \geq 99,7\%$**

Monopotassium phosphate purified (MKP) is intended for use in various industries, for example, for the production of liquid detergents, the creation of anti-corrosion mixtures, as a component in the production of mixed mineral fertilizers, food additives



## QUALITY CHARACTERISTIC

## VALUE

Appearance	colorless transparent crystals or white crystalline powder
$\text{KH}_2\text{PO}_4$ , %, min	99,7
Mass fraction of total phosphates in terms of $\text{P}_2\text{O}_5$ , %	$52 \pm 1$
Mass fraction of water-soluble potassium in terms of $\text{K}_2\text{O}$ , %	$34 \pm 1$
Moisture content, max, %	0,3
Insolubles, %, max	0,04
pH of 0,1 M solution	$4,6 \pm 0,5$
Turbidity, NTU, max	25
Solubility in water at 200C, g/100 g	22
Friability, %	100
Granulometry:	
Mass fraction of particle size:	
from 1 to 4 mm, %, not less	97
from 4 to 6 mm, %, no more	3
more than 6 mm, %	0

## PACKAGING AND STORAGE CONDITIONS:

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

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 of transportation and storage. Shelf life is unlimited.

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