

## STRAIGHTS

# Monopotassium Phosphate (MKP)

## Horticultural Grade

June 2019

EC FERTILISER

Reach Reg. 01-2119490224-41

## Section 1 | Description

Brand name	Van Iperen Monopotassium Phosphate (MKP) Horticultural Grade
Chemical name	Potassium dihydrogen orthophosphate
Chemical formula	$\text{KH}_2\text{PO}_4$
Appearance	White crystals

## Section 2 | Chemical composition

Phosphorus Pentoxide ( $\text{P}_2\text{O}_5$ )	> 52% w/w
Potassium Oxide ( $\text{K}_2\text{O}$ )	> 34% w/w

## Section 3 | Heavy metals

Arsenic (As)	< 1mg/kg	Mercury (Hg)	< 10mg/kg
Cadmium (Cd)	< 10mg/kg	Lead (Pb)	< 1mg/kg
Chrome (Cr)	< 10mg/kg		

## Section 4 | Physical properties

pH	4.5 +/- 0.3 (in 1% solution)   4.5 +/- 0.3 (in 10% solution)
Solubility	222g/L
Insolubles	< 0.1%
Moisture	< 0.2%