



Monopotassium Phosphate (MKP)

Chemical Formula: KH_2PO_4

CAS Number: 7778-77-0

DESCRIPTION

Monopotassium Phosphate (MKP) is a high-purity, water-soluble source of phosphorus and potassium. It is supplied as a white crystalline powder or granules and is widely used in fertilisers, hydroponics, specialty agriculture, and industrial applications requiring a readily available phosphate source.

KEY FEATURES

- High Purity Monopotassium Phosphate
- Excellent Water Solubility
- High Phosphorus and Potassium Content
- Low Chloride Content
- Free Flowing Crystalline Powder
- Suitable for Fertiliser and Industrial Applications

APPLICATIONS

- Water Soluble Fertilisers
- Hydroponics
- Foliar Fertilisers
- Fertigation Systems
- Specialty Agriculture
- Industrial Chemical Processing

TYPICAL SPECIFICATIONS

Property	Specification
Appearance	White Crystalline Powder / Granules
Monopotassium Phosphate (KH_2PO_4)	$\geq 98.0\%$
Potassium Oxide (K_2O)	$\geq 33.5\%$
Moisture	$\leq 0.5\%$
Chlorides	$\leq 0.2\%$
Iron (Fe)	$\leq 0.008\%$
Sulphates	$\leq 0.5\%$
Arsenic (As)	$\leq 0.015\%$
Heavy Metals (as Pb)	$\leq 0.008\%$



**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

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This document is subject to revision without notice as new data becomes available.

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PACKAGING

Available in 25 kg woven polypropylene bags with polyethylene inner liner.

STORAGE & HANDLING

Store in a cool, dry, well-ventilated area away from moisture and incompatible materials. Keep containers tightly sealed when not in use to maintain product quality.

SHELF LIFE

24 Months when stored in the original unopened packaging under recommended storage conditions.

SAFETY

Refer to the Safety Data Sheet (SDS) for detailed safety, handling, and regulatory information. Use appropriate personal protective equipment when handling.