Potassium Acetate

Chemical Formula: $C_2H_3KO_2$
CAS Number: 127-08-2

DESCRIPTION

Potassium Acetate is a high-purity white crystalline powder that is highly soluble in water and alcohols. It is mildly alkaline in solution and is commonly used as a buffering agent, pH regulator, preservative, and source of potassium in a range of industrial and specialty applications.

KEY FEATURES

- High Purity Industrial Grade
- Excellent Water Solubility
- White Crystalline Powder
- Mildly Alkaline Solution
- Consistent Quality and Performance
- Suitable for Buffering, Chemical Processing, and Industrial Applications

APPLICATIONS

- Buffering Agent
- pH Control
- Chemical Processing
- Oil & Gas
- Agriculture
- Food Processing (where applicable to regulatory requirements)
- De-Icing Fluids
- Industrial Manufacturing

TYPICAL SPECIFICATIONS

Property	Specification
Appearance	White Crystalline Powder
Assay (Dry Basis)	≥ 98.0%
pH (50 g/L)	7.5–9.0
Alkalinity	Passes Test
Loss on Drying (120°C)	≤ 8.0%
Sodium Compound	Passes Test
Heavy Metals (as Pb)	≤ 0.002%
Lead (Pb)	≤ 0.001%
Arsenic (As)	≤ 0.0004%

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Specialty Chemical Experts

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 to prevent moisture absorption.

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.