Potassium Bicarbonate

Chemical Formula: $KHCO_3$
CAS Number: 298-14-6

DESCRIPTION

Potassium Bicarbonate is a high-purity, white crystalline powder that provides an excellent source of potassium with mild alkalinity. It is readily soluble in water and is widely used in fire protection, agriculture, industrial processing, and specialty chemical manufacturing.

KEY FEATURES

- High Purity Industrial Grade
- Excellent Water Solubility
- Mild Alkaline Properties
- High Potassium Content
- Low Chloride and Sulphate Levels
- Suitable for Industrial and Agricultural Applications

APPLICATIONS

- Potassium Fertilisers
- Fire Extinguishing Powders
- Chemical Manufacturing
- Potassium Salt Production
- Industrial Processing
- Specialty Chemical Formulations

TYPICAL SPECIFICATIONS

Property	Specification
Appearance	White Crystalline Powder
Assay (Dry Basis)	≥ 98.5%
Potassium (K, Dry Basis)	≥ 38.0%
pH (100 g/L)	8.6
Water Insolubles	≤ 0.1%
Chlorides (Cl)	≤ 0.05%
Sulphates (SO_4)	≤ 0.05%

CHEMPORT
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 when not in use to prevent moisture absorption and 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.