Technical Data Sheet

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Potassium bicarbonate

Product Identification

Product name : Potassium bicarbonate
Chemical Formula : $KHCO_3$
CAS No. : 298-14-6

Physical and Chemical Properties

Property	Value / Description
Purity	99% min
Physical State	Crystalline powder
Color	White
Density	2.17 g/cm³
Melting Point	127 °C
Solubility in Water	Highly soluble
Stability	Stable under normal conditions
Reactivity	Decomposes releasing CO2 on heating; reacts with acids

Applications

Acidity regulator, fire-extinguishing agent (dry chemical fire extinguishers, Purple-K), leavening agent in baking (low sodium alternative), pH buffer in food and beverages, potassium fertilizer, fungicide in agriculture, animal feed additive, water treatment (pH adjustment), winemaking acid reducer, cleaning agent, metal corrosion inhibitor, pharmaceutical buffering agent, electrolyte supplement

Packing

25kg net in sealed containers

Shipping Regulations

Not subject to transport regulations

Safety Information

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.

***The information provided herein is for reference purposes only, and the user is responsible for determining the suitability of the product for their specific application.