

**Chemical  
designation /  
Synonyms****Product description**

$\text{KHCO}_3$   
E501 (ii)  
Potassium  
bicarbonate

Potassium hydrogen carbonate is a white or colorless and odorless potassium salt of carbonic acid. Potassium hydrogen carbonate is obtained by bringing about a chemical reaction. From a temperature of approximately 50 °C onwards, potassium hydrogen carbonate is decomposed and splits off water and carbon dioxide. This leads to the development of potassium carbonate. In the food industry potassium hydrogen carbonate is used, amongst other things, as leavening agent for baking, acidity regulator and sequestrant.

Potassium hydrogen carbonate is used as a potassium source in the areas of food supplements and pharmaceuticals.

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