

**Description**

Potassium carbonate 99.5% is a white powder obtained by the reaction of carbon dioxide with electrolytic potassium hydroxide solution. Approximately 80% of the particles are between 0.25 mm and 1 mm (between 60 and 16 mesh).

Chemical formula:  $K_2CO_3$

Molecular weight: 138.2

**Applications**

Uses include dehydrating agents, pigments, drilling, food and pharmaceutical intermediates.

**Physical Properties**

Appearance ..... white granules  
Bulk density, g/cm<sup>3</sup>, approx. .... 0.8

**Specifications**

Total alkalinity, as  $K_2CO_3$ , %\*, min. .... 99.5  
 $Na_2CO_3$ , %, max. .... 0.2  
Chlorides, as  $Cl^-$ , mg/kg, max. .... 10  
Sulphates, as  $SO_4^{2-}$ , mg/kg, max. .... 30  
Iron, mg/kg, max. .... 3  
Heavy metals, as Pb, mg/kg, max. .... 5  
Conforms to Food Chemical CODEX IV and to E 501(j)

\* on dried product

## Shipping Information

Available in 25 kg polyethylene bags on pallet, big bags on pallet, and bulk, 25 metric ton tank trailers

### Shipping Classification

Proper shipping name: Potassium carbonate  
Hazard classification: NA  
ID number: NA  
Placard: NA  
Label: NA  
Classification Code: NA

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## Safety and Handling Information

Although we strive to ensure that our products comply with these specifications, this does not relieve the user of responsibility for conformance testing.

In all cases, we recommend the user check local and regional legislation concerning product use.

For specific handling information, please refer to the current material safety data sheet, which is available upon request.

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## Chemical Registration Numbers

CAS: 584-08-7  
EINECS: 209-529-3  
Listed in inventory: EU, USA, Australia, Canada, China, Japan, Korea, Philippines, Switzerland

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The information presented herein is believed to be accurate and reliable, but is presented without guarantee or responsibility on the part of Albemarle Corporation. It is the responsibility of the user to comply with all applicable laws and regulations and to provide for a safe workplace. The user should consider any health or safety hazards or information contained herein only as a guide, and should take those precautions which are necessary or prudent to instruct employees and to develop work practice procedures in order to promote a safe work environment. Further, nothing contained herein shall be taken as an inducement or recommendation to manufacture or use any of the herein materials or processes in violation of existing or future patents.



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