

**Chemical designation /
Synonyms**

Product description

Magnesium hydroxide carbonate
Magnesium hydrogen carbonate
Hydrated alkaline magnesium
carbonate Magnesium carbonate
hydroxide
(MgCO₃) 4Mg(OH)₂ · 5H₂O
E504 (ii)

Magnesium carbonate is an inorganic magnesium salt. It is available with different bulk weights and particle sizes (fine powder to granular material). Magnesium carbonate is a white powder or granular material which is easily soluble in diluted acid and is practically insoluble in water. Granules of the product are ideally suited for direct tableting.

Magnesium carbonate is used in the fields of pharmaceuticals, foods and food supplements.

Further properties and applications: anti-caking agent, free-flow agent, leavening agent, acidity regulator, release agent, filler for chewing gum, beverage industry, magnesium source, mineral fortification in beverages e.g. waters, juices, spritzers, soft drinks.
