

**Chemical designation /  
Synonyms**

**Product description**

Trimagnesium dicitrate  
nonahydrate  
Magnesium hydrogen citrate  
 $C_6H_6MgO_7$   
Magnesium citrate tribasic  
Trimagnesium dicitrate  
anhydrate/waterfree  
 $Mg_3(C_6H_5O_7)_2$

Magnesium citrate is the magnesium salt of citric acid, which is obtained by bringing about a chemical reaction. It is an organic magnesium compound. Magnesium citrate is available in different bulk weights and particle sizes (fine powder to granular material). In particular the magnesium citrate granules, which can be directly tableted, are very popular in tablet production because of their good flow properties and compressibility. Moreover, magnesium citrate is also available in micronized form.

Magnesium citrates are used in the fields of pharmaceuticals, foods and food supplements.

Other properties and applications: mineral fortification in beverages e.g. waters, juices, spritzers, soft drinks.

---