

**Identification**

~ 4MgCO<sub>3</sub>·Mg(OH)<sub>2</sub>·5H<sub>2</sub>O

M = ~ 485 g/mol

CAS [12125-28-9]

EC number: 235-192-7

Taric code: 2836 99 11

**Synonyms**

Magnesium carbonate basic

**Applications**

analytical chemistry, in buffer solutions, in food industry, thickener, cosmetics.

**Specifications**

assay (as MgO) ..... 40 - 45 %

insoluble in H<sub>2</sub>SO<sub>4</sub>..... max. 0,1 %

chlorides (Cl)..... max. 0,1 %

sulphur compounds (as SO<sub>4</sub>)..... max. 0,2 %

**Physical data**

• Spec. Density: 2,16 g/cm<sup>3</sup>

• Bulk density: ~ 110 - 180 kg/m<sup>3</sup>

• Solub. in water: (20 °C): insoluble

• Melting point: 700 °C

• pH(50 g/l H<sub>2</sub>O suspension, 20 °C) ~ 10,5

**Transport/storage**

• 15°C - 25°C