

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

$C_{36}H_{70}MgO_4$   
Magnesium  
octadecanoate  
E470b

Magnesium stearate is the magnesium salt of stearic acid, which is obtained by bringing about a chemical reaction. Magnesium stearate is a white powder which is insoluble in water. The lubricating properties of magnesium stearate turn this substance into a suitable lubricant for tablet or granule production. Magnesium stearate may be produced both from fats of animal and of vegetable origin. Furthermore, magnesium stearate is available with an RSPO Certificate (Roundtable on Sustainable Palm Oil).

Magnesium stearate is used in the areas of pharmaceuticals, foods and food supplements.

---