

Product Name: Magnesium stearate

Description:

Magnesium stearate is the chemical compound with the formula $\text{Mg}(\text{C}_{18}\text{H}_{35}\text{O}_2)_2$. It is a soap, consisting of salt containing two equivalents of stearate (the anion of stearic acid) and one magnesium cation (Mg^{2+}). Magnesium stearate is a white, water-insoluble powder. Its applications exploit its softness, insolubility in many solvents, and low toxicity. It is used as a release agent and as a component or lubricant in the production of pharmaceuticals and cosmetics.

Properties:

properties	Value
Appearance	White powder
Ash (%)	8-10
Mg content (%)	3-4
Free fatty acid (%)	0.5-1
Moisture (%)	Max 3
Melting Point	130-145 °C
PH	7
Bulk Density	160 g/l