

MS-S (Magnesium Stearate)

MS-S is a soft, white, light powder. It is insoluble in water and alcohol. Our Magnesium Stearate is derived from 100% vegetable sources.

SPECIFICATIONS

PROPERTIES	NOMINAL VALUE
Magnesium Content %	4 - 5
Identification A	Conforms
Identification B	Conforms
Microbial Limits:	
Aerobic Microbial Count	1000 per gram max
Total Molds And Yeasts Count	500 per gram max
Salmonella	Negative
Escherichia Coli	Negative
Acidity/Alkalinity	Conforms
Loss on Drying %	5.5 max
Heavy Metals (Pb), ppm	< 10
Organic Volatile Impurities	Conforms
Chlorides %	0.1 max
Sulfates %	1.0 max
Residual Solvents	Passes Test
Ash Content, %	7 - 9
Free Fatty Acid %	1.5 max
Melting Point, °C	130 - 150
Fineness (residue on 325 mesh) %	0.5 max
Bulk Density (g/cc)	0.25 max

APPLICATIONS

Magnesium Stearate is used as a dusting powder, a lubricant in making tablets, a drier in paints and varnishes, a flatting agent, a stabilizer for lubricants and plastics, an emulsifier for cosmetics, and occasionally as a dietary supplement.

