



## MAGNESIUM STEARATE SW/F - US

**Description** Low to medium bulk density, fine white powder.

<b>Properties</b>	<u>Test</u>	<u>General Specification</u>	<u>Typical Property</u>
	Total Ash (%)	7.3-8.5%	7.9%
	Free Fatty Acid (%)	3.0% max.	<1.0%
	Moisture (%)	4.0% max.	3.5%
	Sieve US Std. 200 Mesh	99.0% min. through	99.4%
	Bulk Density	Report lb/ft <sup>3</sup>	15-20

**Features** Magnesium Stearate SW/F-US is produced from a high quality, tallow derived fatty acid for polymer and all applications requiring a relatively fine magnesium stearate powder with good handling and feeding characteristics.

**Performance** Due to its physical properties and good thermal stability Magnesium Stearate SW/F-US is an excellent lubricant and release agent for many thermoplastics applications.

Consistent physical properties allow the product to be uniformly blended and dispersed with a large variety of materials.

The relatively fine particle size provides excellent lubrication and surface quality in ABS and other thermoplastic resin molding applications.

The hydrophobic nature of magnesium stearate combined with the relatively fine particle size and high surface area allow it to function as a hydrophobing agent.

**Quality Control** A modern, state-of-the-art plant process with strict control ensures consistent quality in chemical and mechanical properties.

**Regulatory** Meets FDA requirements under CFR21 and the EC Directive 2002/72/EC (including all amendments) for plastic materials and articles intended to come into contact with foodstuffs..

**Packaging** Standard 40 x 50 lb. multiwall bags on stretch wrapped pallets. Bulk packaging in supersacks is available.

**Storage** Storage in dry areas at normal ambient temperatures is recommended. Open containers of unused product should be firmly closed for storage.

TDS-MgStearate SW/f-US 120222

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