



TECHNICAL DATA SHEET



MAGNESIUM STEARATE

GRADE PI

Chemical Name	: Magnesium Octadecanoate	Molecular Weight	: 591 g mol ⁻¹
CAS Number	: 557-04-0	Product Form	: White Fine Powder
EINECS Number	: 209-150-3	Packaging	: 25Kgs. PP Bags or Laminated Paper Bags with extrainer Polyliner.
HS Tariff Number	: 2915.70	Storage Conditions	: Store in a cool & dry location and in well-ventilated area.
Chemical Formula	: C ₃₆ H ₇₀ MgO ₄		
Shelf Life	: 48 Months from the Date of manufacturing		

SPECIFICATIONS

PROPERTIES	UNIT	LIMIT
Appearance	-	White powder
Ash (as MgO)	%wt.	7.3 – 8.3
Free Acid	%wt.	2 max.
Volatile Matter	%wt.	3.0 max.
Melting point	oC	115 – 145
Magnesium (Mg)	%wt.	4.2 – 5.0
Particle Size	200 Mesh	97 % min