



SINWON CHEMICAL Co. Ltd.

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HOME PAGE <http://www.swchem.co.kr>

TECHNICAL DATA SHEET

1. Product name HI-MAST
2. Chemical name / formula Magnesium stearate / $Mg(C_{17}H_{35}COO)_2$
3. CAS number 557-04-0, 91031-63-9
4. EC number 209-150-3. 292-967-2
5. Date of preparation 1993-04-29
6. Revision date (number) 2015-08-28 (2nd)
7. Characteristic & Applications
- Lubricant and mold release agent in the plastic and rubber industry.
 - Water repellent agent and Foundry sand.
 - Lubricant and releasing agent for plastic especially, ABS
 - Anti-Caking agent.
 - Pharmaceutical and cosmetic industry.
 - Surface treatment of filler.
 - Lubricant for food contact(packaging) materials.
8. Packing 20kg Kraft paper bag

The product standard for HI-MAST as follows:

Items	unit	Specifications	Methods
Appearance	-	White powder	SWI-Research-05
Ash contents	wt%	7.6±0.4	
Melting point	°C	137.5±7.5	
Moisture contents	wt%	Max 4.0	
Free fatty acid	wt%	Max 1.5	
Through. mesh	%	Min 99.0 (@200mesh or 325mesh)	

Manager of QC & Research DEPT



SINWON CHEMICAL CO.,LTD.

Woon Keun Song

PRESIDENT W. K. SONG