

Product Datasheet

GX1421 - Magnesium stearate, EP, USP grade

Precautionary Codes

P302+P350, P280, P261,
P305+P351+P338

Pictograms

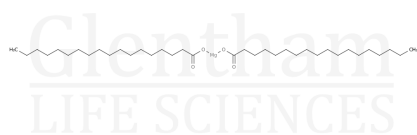


Product Details

Product Name	Magnesium stearate, EP, USP grade
Glenthams Code	GX1421
CAS Number	557-04-0
EINECS	209-150-3
MDL Number	MFCD00036391

Structure

Molecular Weight	: 591.24
Molecular Formula	: $[\text{CH}_3(\text{CH}_2)_{16}\text{CO}_2]_2\text{Mg}$



Glenthams Product Specification

Physical Description	: Fine white powder
Identification	: A, B, C, D according to EP
Solubility	: Practically insoluble in water and in anhydrous ethanol
Acidity or Alkalinity	: According to EP
Chlorides	: $\leq 0.1\%$
Sulfate	: $\leq 1.0\%$
Cadmium (Cd)	: $\leq 3\text{ppm}$
Nickel (Ni)	: $\leq 5\text{ppm}$
Loss on Drying	: $\leq 6.0\%$
Total Aerobic Microbial Count	: $\leq 1000\text{CFU/g}$
Total Yeast and Mould Count	: $\leq 100\text{CFU/g}$
Magnesium (Mg)	: 4.0 - 5.0 % (dried substance)
Stearic acid	: $\geq 40.0\%$ (in the fatty acid fraction)
Sum of stearic acid and palmitic acid	: $\geq 90.0\%$ (in the fatty acid fraction)
Pharmacopoeia Specification(s)	: EP, USP
Version	: v1.0

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification Skin Irr. 2, STOT SE 3,
STOT SE 3, Eye Irr. 2A

Signal Word Warning

Hazard Codes H315, H336, H335, H319

About Magnesium stearate, EP, USP grade

No further details on record.

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