
Product List of Magnesium

MagGran® Granulated Magnesium and Calcium compounds

Talking about health and activity today, tablets of Magnesium and Calcium are highly recommended nutraceuticals.

Our MagGran®- products are compacted mineral salt agglomerates. They are produced either by dry pressing or by enrichment with additives as e.g. maize starch or PVP.

The advantages are quite obvious: The use of MagGran® will save time and costs due to optimised production flow and increased processing speed.

Advantages of MagGran®:

■ Structure of granulates

- Constant apportioning for high speed tablet machines
- Excellent free flowing properties – optimal apportioning
- Granular structure enabling nearly dust-free production
- Improved decay time – best dissolving capacities

■ Stability

- Good binding strength for stable tablets
- High crushing strength of tablets
- Tablets show low friability
- Optimised compressibility

■ Raw material without additives

- Easy use in standard formulations
- No modification of approval
- No limits in the development of new formulations
- Less foam formation in effervescent tablets

■ Raw material with additives

- Product improvement depending on the production process
- Stability without further enrichment with additives
- Compact and stable raw material without further add of additives

MagGran®

The efficient progress in tablet pressing

These granulates are part of our product portfolio:

- **MagGran® CC**
Calcium carbonate, granulated
 - without additives
 - purity conforms with Ph. Eur., BP, USP, DAB, E 170
- **MagGran® CC^{plus}**
Calcium carbonate, granulated
 - with additives (maize starch, maltodextrine, PVP, sorbitol)
 - purity conforms with Ph. Eur., BP, USP, DAB, E 170
- **MagGran® CP**
di-Calcium phosphate, granulated
 - without additives
 - anhydrous or 2-Hydrate
 - purity conforms with Ph. Eur.
- **MagGran® MA**
L-Magnesium aspartate, granulated
 - without additives
 - 2-Hydrate
 - purity conforms with Ph. Eur.
- **MagGran® MC**
Magnesium carbonate, granulated
 - without additives
 - purity conforms with Ph.Eur., BP, E 504
- **MagGran® MC^{plus}**
Magnesium carbonate, granulated
 - with additives (maize starch)
 - purity conforms with Ph.Eur., BP, E 504
- **MagGran® MCI**
Magnesium citrate
 - without additives
 - purity conforms with DAC
- **MagGran® MH**
Magnesium hydroxide, granulated
 - without additives
 - purity conforms with Ph. Eur., USP, BP
- **MagGran® ML**
Magnesium lactate, granulated
 - without additives
 - 2-Hydrate
 - purity conforms with DAC
- **MagGran® MO**
Magnesium oxide, granulated
 - without additives
 - purity conforms with Ph. Eur., USP, BP

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Magnesium carbonate

Brand name	Classification	Bulk density (approx.)	Quality	Content MgO (%)	Packaging
Magnesia 12	super light	60 – 80 g/l	Ph. Eur.	40 – 45	20 kg
Magnesia 10	extra light	80 – 100 g/l	Ph. Eur., E 504	40 – 45	20 kg
Magnesia 11	extra light	80 – 100 g/l	Ph. Eur., USP, E 504	40 – 45	20 kg
Magnesia 101	light	145 g/l	E 504	40 – 45	25 kg
Magnesia 14	medium heavy	250 g/l	Purity conf. with Ph. Eur.	40 – 45	25 kg
Magnesia 186	heavy	300 g/l	Purity conf. with Ph. Eur.	40 – 45	15 kg
Magnesia 181	heavy	400 g/l	Purity conf. with Ph. Eur.	40 – 45	25 kg
Magnesia 18	heavy	500 g/l	Ph. Eur., E 504	40 – 45	25 kg
Magnesia 182	heavy	550 g/l	Ph. Eur.	40 – 45	25 kg

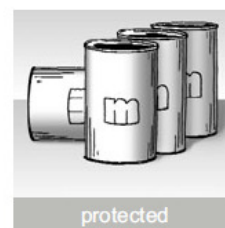
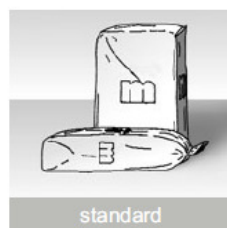
Magnesium hydroxide

Brand name	Classification	Bulk density (approx.)	Quality	Content Mg(OH) ₂ (%)	Packaging
Magnesia 727	heavy	480 g/l	E 528	96	25 kg
Magnesia 725	heavy	500 g/l	Ph. Eur., USP, E 528	99	25 kg
Magnesia 726	heavy	700 g/l	Ph. Eur., USP, E 528	99	25 kg
Magnesia 7261	extra heavy	1,000 g/l	Ph. Eur., USP, E 528	99	25 kg

Magnesium oxide

Brand name	Classification	Bulk density (approx.)	Quality	Content MgO (%)	Packaging
Magnesia 23	super light	80 – 90 g/l	Ph. Eur.	98 – 100.5	20 kg
Magnesia 2701	extra light	100 g/l	Ph. Eur., E 530	98 – 100.5	25 kg
Magnesia 27	extra light	133 g/l	E 530	98 – 100.5	25 kg
Magnesia 24	light	250 g/l	USP	min. 98	15 kg
Magnesia 224	light	250 g/l	USP	98 – 100.5	15 kg
Magnesia 221	heavy	300 – 400 g/l	Ph. Eur., USP, E 530	98 – 100.5	25 kg
Magnesia 25	heavy	450 – 500 g/l	USP	98 – 100.5	25 kg
Magnesia 26	heavy	500 g/l	Ph. Eur., USP, E 530	98 – 100.5	25 kg
Magnesia 22	heavy	400 – 600 g/l	Ph. Eur., USP, E 530	98 – 100.5	25 kg

You have special requests in packaging? We are flexible to follow your demands from 1 kg to big bags – please ask us!



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Further Magnesium compounds

Brand name	Magnesium compound	Quality	Content (%)	Packaging
Magnesia 4120	Magaldrate	dry gel, USP	90 – 105	50 kg
Magnesia 4101	Magnesium acetate-4-hydrate	Ph. Eur. / BP	min. 98	25 kg
Magnesia 4380	Magnesium Aluminium hydroxide carbonate	pharmaceutical grade	MgO: min. 6.0	25 kg
Magnesia 4140	Magnesium Aluminium silicate	USP, NF	MgO: 9.2	22.5 kg
Magnesia 4110	Magnesium ascorbate	food grade		25 kg
Magnesia 4111	DL-Magnesium aspartate-4-hydrate	DAB	98 – 101	50 kg
Magnesia 4112	L-Magnesium aspartate-2-hydrate	Ph. Eur., DAB	98 – 102	50 kg
Magnesia 4179	Magnesium Calcium carbonate (Dolomite)	food grade	99.1	25/50 kg
Magnesia 4391	Magnesium chelate	chemically pure		25 kg
Magnesia 4150	Magnesium chloride-6-hydrate	E 511	99 – 103	25 kg
Magnesia 4152	Magnesium chloride-6-hydrate	Ph. Eur., USP, E 511	99 – 101	25 kg
Magnesia 4161	Magnesium citrate, containing water	DAC	Mg: 8 – 9	25 kg
Magnesia 4162	tri-Magnesium dicitrate-9-hydrate	DAC	Mg: 11.4 – 12.6	25 kg
Magnesia 4163	tri-Magnesium dicitrate-14-hydrate	DAC	Mg: 10.4 – 11.4	25 kg
Magnesia 4164	tri-Magnesium dicitrate, anhydrous	DAC	Mg: 14.7 – 16.3	25 kg
Magnesia 4189	Magnesium formate	chemically pure	min. 97.5	25 kg
Magnesia 4187	Magnesium fumarate	chemically pure	min. 98	25 kg
Magnesia 420	Magnesium gluconate	USP	98 – 102	50 kg
Magnesia 4174	Magnesium glycerophosphate	Ph. Eur. / BPC	10.5 – 12.5	25/50 kg
Magnesia 421	Magnesium lactate-2-hydrate	food grade	min. 98	25 kg
Magnesia 4211	Magnesium malate		15.2	25 kg
Magnesia 4213	Magnesium myristate	for cosmetics	4.5 – 6	20 kg
Magnesia 4215	Magnesium orotate	DAC	98 – 101	25 kg
Magnesia 4218	Magnesium oxalate-2-hydrate	chemically pure	Mg: approx. 16	25 kg
Magnesia 423	Magnesium peroxide	different qualities	different qualities	25 kg
Magnesia 4241	di-Magnesium phosphate-3-hydrate	DAB / FCC	98 – 103	25 kg
Magnesia 4235	Magnesium propionate	chemically pure	min. 98	25 kg
Magnesia 4175	Magnesium salicylate	pharmaceutical grade		25 kg
Magnesia 4371	Magnesium silicate (Talc)	Ph. Eur., USP, E 553b	MgO: approx. 30	25 kg
Magnesia 4263	Magnesium stearate	Ph. Eur., USP	Mg: 4 – 5	20 kg
Magnesia 4264	Magnesium stearate, vegetable	Ph. Eur., USP	Mg: 4 – 5	20 kg
Magnesia 4285	Magnesium sulphate-7-hydrate	Ph. Eur., USP, FCC	min. 99	25 kg
Magnesia 4296	Magnesium sulphate-7-hydrate	Ph. Eur.	min. 99	1,000 kg
Magnesia 4287	Magnesium sulphate, dried	different qualities	different qualities	25 kg
Magnesia 4389	Magnesium thiosulphate-6-hydrate	crystalline	min. 99	25 kg
Magnesia 430	Magnesium trisilicate, light	Ph. Eur., USP, E 553	MgO: min. 29	25 kg
Magnesia 432	Magnesium trisilicate, heavy	Ph. Eur., USP, E 553	MgO: min. 29	25 kg
Magnesia 434	Magnesium trisilicate, heavy	Ph. Eur.	MgO: min. 29	25 kg

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Granulates without additives

Brand name	Product	Purity conforms with	Content (%) approx.	Packaging
MagGran® CA (87219)	Calcium acetate, granulated	FCC / USP	Ca: 24	25 kg
MagGran® CC (84460)	Calcium carbonate, granulated	Ph. Eur., USP, E 170	99.1	25 kg
MagGran® CCi (87231)	tri-Calcium citrate-4-hydrate, granulated	FCC / USP	Ca: 21	25 kg
MagGran® CP (85500)	di-Calcium phosphate, anhydrous, granulated	Ph. Eur., E 341	98 – 101	25 kg
MagGran® CP (85520)	di-Calcium phosphate-2-hydrate, granulated	Ph. Eur., E 341	98 – 105	25 kg
MagGran® CPr (87264)	Calcium propionate, granulated	E 282	Ca: 21	25 kg
MagGran® MC (81010)	Magnesium carbonate, granulated	Ph. Eur., USP, E 504	MgO: 40 – 43.5	25 kg
MagGran® MH (87250)	Magnesium hydroxide, granulated	Ph. Eur., USP, E 528	99	25 kg
MagGran® ML (84210)	Magnesium lactate-2-hydrate, granulated		98 – 102	25 kg
MagGran® MO (82600)	Magnesium oxide, granulated	Ph. Eur., USP	98 – 100.5	25 kg
MagGran® NA (87844)	Sodium acetate, anhydrous, granulated	E 262	Na: 28	25 kg
MagGran® NPr (87910)	Sodium propionate, granulated	E 281	Na: 24	25 kg

Granulates with additives

Brand name	Product	Purity conforms with	Content (%) approx.	Packaging
MagGran® MC^{plus} (81811)	Magnesium carbonate, granulated	Ph. Eur. / USP; with 10 % maize starch	Mg: 22.5	25 kg
MagGran® CC^{plus} (84470)	Calcium carbonate, granulated	USP; with 10 % maize starch	Ca: 36	25 kg
MagGran® CC^{plus} (84472)	Calcium carbonate, granulated	USP; with 5 % maize starch	Ca: 38	25 kg
MagGran® CC^{plus} (84479)	Calcium carbonate, granulated	USP; with 3 % PVP	Ca: 39	25 kg

further granulates on request