



MagTreat®-P, magnesium hydroxide powder for environmental applications

Description	A fine white powder of magnesium hydroxide. Produced from selectively mined natural magnesium hydroxide, by milling and classifying.		
Application	The product is intended for manufacturing of aqueous suspension recommended for acid neutralization, wastewater treatment, heavy metal precipitation, reduction of COD and phosphates, prevention of odor and corrosion in sewage systems, and flue gas desulphurization.		
Chemical and physical properties	Parameter	Specification	Typical
	MgO/Mg(OH) ₂ %, min.	64,0/92,8	64,8/94,0
	CaO, %, max.	2,5	2,1
	SiO ₂ , %, max.	1,5	1,2
	Fe ₂ O ₃ , %, max.	0,2	0,13
	Bulk density, kg/m ³ , min.	300	390
	Humidity, %, max.	0,5	0,3
	Specific surface area*, m ² /g	9-11	10
	Median particle size D ₅₀ , microns:	5,0-6,0	5,5
	*- is determined once in 6 months		
Equivalents on 100% dry solids basis	<p>CaCO₃ (calcium carbonate) = 1,0 mt equivalent to 0,58 mt Mg(OH)₂</p> <p>Na₂CO₃ (soda ash) = 1,0 mt equivalent to 0,55 mt Mg(OH)₂</p> <p>NaOH (caustic soda) = 1,0 mt equivalent to 0,73 mt Mg(OH)₂</p> <p>Ca(OH)₂ (hydrated lime) = 1,0 mt equivalent to 0,79 mt Mg(OH)₂</p>		
Storage	The shelf life is limited by moisture pick-up during storage, which is 0,5% max. When stored in dry conditions and with the packaging intact the shelf life is min. 4 months and max. 12 months from the time of delivery. We recommend to check the moisture content before usage if the product is stored for more than 4 months. Opened bags should be resealed immediately.		
Packaging	Paper bags with polyethylene liner, big bags		
Safety	Refers to low-hazard substances; fire- and explosion-proof, non-toxic		
Transportation	Transported by all modes of transport in accordance with the rules of transportation of goods that operates in this mode of transport.		

DISCLAIMER: THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE. ANY RECOMMENDATIONS OR SUGGESTIONS MADE ARE WITHOUT WARRANTY OR GUARANTEE OF RESULTS SINCE CONDITIONS OF HANDLING AND OF USE ARE BEYOND OUR CONTROL; WE THEREFORE, ASSUME NO LIABILITY FOR LOSS OR DAMAGE INCURRED BY FOLLOWING THESE SUGGESTIONS. SELLER WARRANTS ONLY THAT THIS PRODUCT WILL MEET THE SPECIFICATIONS SET FORTH. ANY OTHER REPRESENTATION OR WARRANTY, EITHER EXPRESS OR IMPLIED, IS SPECIFICALLY DISCLAIMED INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND OF MERCHANTABILITY. SELLERS AND MANUFACTURERS ONLY OBLIGATION SHALL BE TO REPLACE SUCH QUANTITY OF THE PRODUCT PROVED TO BE DEFECTIVE, BEFORE USING. USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR USERS INTENDED APPLICATION AND USER ASSUMES ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH. NEITHER SELLER NOR MANUFACTURER SHALL BE LIABLE IN TORT, CONTRACT OR UNDER ANY THEORY FOR ANY LOSS OR DAMAGE, INCIDENTAL OR CONSEQUENTIAL, ARISING OUT OF THE USE OF OR THE INABILITY TO USE THE PRODUCT.

Rotterdam Science Tower, 18th Floor,
 Marconistraat 16, 3029
 AK Rotterdam, the Netherlands
 +31 (0) 10 350 6206
 info@europiren.com

