

PRODUCT INFORMATION



SEAWAY MH POWDER

Magnesium Hydroxide powder for desulfurization
& acid neutralization agent use

Seaway Global Co. Ltd.

#113, 106 Dong, Yootongdanji 1Ro 57 Bungil 34

Gangseo-Gu, Busan, South Korea 46721

Tel: +82 51-995-3999

Email: sales@seawayglobal.com

Website: www.seawayglobal.com

Product Description

SEAWAY MH POWDER is a high purity magnesium hydroxide powder produced from calcined magnesite. Different to conventional Magnesium Oxide (MgO) powders, Seaway MH Powder is manufactured through 'Dry-Hydration' process (protected under patent) and such process makes Seaway MH Powder easily dissolved in water of ambient temperature and keeps the slurry with low viscosity and excellent dispersibility.

Physical properties

	Unit	Specification	Value	Remark
Mg(OH)₂	%	94.0%	95.0%	
CaO	%	1.5%	1.2%	
SiO₂	%	3.5%	3.1%	
Fe₂O₃	%	1.0%	0.8%	
Al₂O₃	%	0.1%	0.1%	
Particle Size (325mesh)	%	91.5%	93.0%	43µm

Benefits

1. 15% better desulfurization performance compared to conventional MgO based slurry
2. Generating 28% lower sludge compared to conventional MgO based slurry
3. Quickly dissolved in water of ambient temperature & maintaining low viscosity in slurry
4. No need of applying dispersant & defoamer chemicals when making slurry

Others

SEAWAY MH POWDER is NOT brucite based magnesium hydroxide powder - which is not appropriate for acid neutralization & desulfurization agent for marine scrubber system (EGCS) due to many technical issues.

Storage & Supply Package

Shelf life of Seaway MH Powder is 6 months upon arrival at customer's warehouse.

The product has to be stored in a cool and dry place. Humid & hot storage condition may cause caking of the particles and degradation of desulfurization performance.

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