



Akdolit® products are developed to offer best possible solutions for the treatment of drinking water, industrial process water and swimming pool water. Akdolit® is a registered trademark of Lhoist Recherche & Développement.S.A.



Akdolit® Hydrolit Mg G

Ref : Akdolit® Hydrolit Mg G

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Product description

Akdolit® Hydrolit Mg G is a spherical filter material of magnesium compounds (MgO and Mg(OH)₂).

Due to its stable structure and its high chemical and microbiological purity, Akdolit® Hydrolit Mg G can guarantee a safe and economic use, requiring little maintenance.

Akdolit® Hydrolit Mg G complies with the requirements of the standard DIN EN 16004.

Application areas

Akdolit® Hydrolit Mg G is used for neutralisation of acides e.g. :

- Sulphuric acid H₂SO₄
- Hydrochloric acid HCl
- Nitric acid HNO₃
- Acetic acid CH₃COOH

For instance, for the neutralisation of:

- Acid boiler condensates
- Acid waters with high sulfate concentrations
- Acid ion exchanger sewage purification
- Acid industry waste water with low content in heavy metal
- Acid condensates of incineration

Methods of use

- Akdolit® Hydrolit Mg G is used as a filter material for neutralisation in both open and closed systems.
- A complete technical datasheet with operating instructions is available on request.

CHEMICAL COMPOSITION

MgCO	~ 77,0%
CaO	~ 1,5%
Fe ₂ O ₃ + Al ₂ O ₃ + SiO ₂	~ 2,0%
Loss of ignition	~ 16-20%

PHYSICAL PROPERTIES

Grain size 1	0,5 – 2,5 mm
Grain size 2	2,0 – 5,0 mm
Grain size 3	5,0 – 10,0 mm
Bulk density grain size 1:	~ 1,2 t/m ³
Bulk density grain size 2 and 3:	~ 1,3 t/m ³

Delivery

- Poly-bags of 25 kg each
- Bulk in tank vehicles
- Big bags

Storage

- Care must be taken during storage of Akdolit® Hydrolit Mg G, to ensure that the material will not be exposed to moisture.
- In order to prevent contamination of material, damage to packages of material packed in bags must be prevented.
- Re-fillings should only be done from original containers.

Safety

Safety data sheet: Akdolit® Hydrolit Mg G (available on request)



All data are guideline values with deposit and production-related tolerances. They are used for product description and are not guaranteed properties. It is the duty of the user to check the suitability of the product for its intended use