

**LAB-LINE  
ENTERPRISES**



# Magnesium Hydroxide - MDH

## Premium Fire Retardant

CAS: 1309-42-8

Pack sizes: 1kg, 25kgs


**Lab Line Enterprises**

*(An ISO 9001:2015 certified company)*

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Verify product suitability before purchase





## Chemical Properties

- Chemical Formula:  $\text{Mg}(\text{OH})_2$
- Molecular Weight: 58.32 g/mol
- Decomposition Temperature:  $>350^\circ\text{C}$
- Appearance: White powder

## Key Benefits

- Halogen-free and environmentally safe
- Effective smoke suppression
- High thermal stability
- Compatibility with various polymers



## **Applications**

- Wire and cable insulation
- Thermoplastics and thermosets
- Rubber products
- Coatings and adhesives
- Construction materials

## **Recommended Dosage**

- Typically 30%–60% by weight
- Varies based on application and desired flame retardancy



To know more and purchase:

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