



Product Specification

cdhfinechemical.com

MAGNESIUM HYDROXIDE

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| PRODUCT CODE | 029102 |
| SYNONYMS | -- |
| C.I. NO. | -- |
| CASR NO. | 1309-42-8 |
| ATOMIC OR MOLECULAR FORMULA | Mg(OH) ₂ |
| ATOMIC OR MOLECULAR WEIGHT | 58.33 |
| PROPERTIES | Soluble in ammonium hydroxide, nitric acid, sulphuric acid, hot water; insoluble in alcohol. |



| PARAMETER | LIMIT |
|--------------------------------|--|
| Description | White powder. |
| Solubility | Insoluble in water. soluble in dilute acids. |
| Minimum assay (complexometric) | 95.00% |

| MAXIMUM LIMIT OF IMPURITIES | |
|------------------------------------|--------------|
| Substance soluble in water | 1.0% |
| Substance insoluble in acetic acid | 0.1% |
| Chloride (Cl) | 0.1% |
| Sulphate (SO ₄) | 0.5% |
| Calcium (Ca) | 1.0% |
| Heavy metal (as Pb) | 0.003% |
| Iron (Fe) | 0.07% |
| Loss on ignition at 900°C | 30.0 – 32.5% |

Note(s) : Assay (if applicable) method mentioned.

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| WARNING Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. Precautionary statements Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention. Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company. | IMDG Code : -- UN No. : -- IATA : -- |
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Hazard Pictogram(s) :


GHS07

Replace Date 03/07/2020