



Product Specification

cdhfinechemical.com

MAGNESIUM OXIDE HEAVY

PRODUCT CODE	029108
SYNONYMS	--
C.I. NO.	--
CASR NO.	1309-48-4
ATOMIC OR MOLECULAR FORMULA	MgO
ATOMIC OR MOLECULAR WEIGHT	40.30
PROPERTIES	Takes up CO ₂ and H ₂ O from air. Very slightly soluble in water. Insoluble in alcohol.

MgO

PARAMETER	LIMIT
Description	White amorphous powder.
Solubility	Soluble in dilute acids.
Identification	Passes test
Minimum assay (by complexometry, on ignited substance)	98.0-100.5%
Filling volume (untapped apparent volume of freshly sieved material through 10 or 20 mesh sieve)	30 ml/15 gm

MAXIMUM LIMITS OF IMPURITIES

Colour of solution	Passes test
Substance Insoluble in acetic acid	0.1%
Substance soluble in water	2%
Chloride (Cl)	0.1%
Sulphate (SO ₄)	1%
Heavy metals (as Pb)	0.003%
Calcium (Ca)	1.5%
Iron (Fe)	0.07%
Arsenic (As)	0.0004%
Loss on Ignition (at 800 ° C)	8%

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

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

Disposal:-----

Hazard Pictogram(s) :-----

IMDG Code : --

UN No. : --

IATA : --