



Product Specification

cdhfinechemical.com

MAGNESIUM CARBONATE BASIC LIGHT AR

PRODUCT CODE	568105
SYNONYMS	(Hydrated basic magnesium carbonate)
C.I. NO.	--
CASR NO.	(39409-82-0)
ATOMIC OR MOLECULAR FORMULA	$\sim\text{MgCO}_3 \cdot \text{Mg}(\text{OH})_2 \cdot 5\text{H}_2\text{O}$
ATOMIC OR MOLECULAR WEIGHT	---
PROPERTIES	Soluble in acids, very slightly soluble in water, insoluble in alcohol. Noncombustible.



PARAMETER	LIMIT
Description	A light white amorphous powder.
Solubility	5% Solution in dilute HCl is clear and colourless.
Assay (As Mg;Complexometric)	24.0%

MAXIMUM LIMIT OF IMPURITIES

Acid insoluble substances	0.05%
Chloride (Cl)	0.005%
Hydrochloric acid	0.005%
Sulphate (SO ₄)	0.003%
Total nitrogen (N)	0.001%
Arsenic (As)	0.0002%
Barium and strontium (Ba)	0.001%
Calcium (Ca)	0.01%
Copper (Cu)	0.0005%
Heavy metals (Pb)	0.001%
Iron (Fe)	0.001%
Lead (Pb)	0.001%
Potassium (K)	0.001%
Sodium (Na)	0.1%
Zinc (Zn)	0.0005%

Note(s) : 1] Assay (if applicable) method mentioned.

WARNING Hazard statements : Not Hazardous. No hazards. Precautionary statements Prevention : ---- Response : ---	IMDG Code : UN No. : IATA :
	Disposal: ----- Hazard Pictogram(s) :

Replace date 08-sep.-2017