



Product Specification

cdhfinechemical.com

MAGNESIUM NITRATE HEXAHYDRATE PURIFIED

PRODUCT CODE	029106	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(13446-18-9)	
ATOMIC OR MOLECULARFORMULA	Mg(NO₃)₂·6H₂O	Mg(NO₃)₂·6H₂O
ATOMIC OR MOLECULARWEIGHT	256.41	
PROPERTIES	Melting point ~ 95°C.	
PARAMETER	LIMIT	
Description	Colourless crystals or white deliquescent crystalline powder.	
Solubility	10% solution in water is clear and colourless.	
Minimum Assay (Complexometric)	98.0%	
pH (5% solution in water)	5.0 – 8.2	

MAXIMUM LIMIT OF IMPURITIES

Chloride (Cl)	0.005%
Sulphate (SO ₄)	0.01%
Calcium (Ca)	0.05%
Iron (Fe)	0.005%
Lead (Pb)	0.005%
Potassium(K)	0.01%
Sodium (Na)	0.01%

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

DANGER

Hazard statements: May cause respiratory irritation. May intensify fire; oxidizer. May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat.

Response: If skin irritation occurs, seek medical advice/attention. Wear eye/face protection. If eye irritation persists, get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Disposal: The quantities greater than 10g should be dissolved in dilute acid and transferred to heavy metal waste drum for collection by specialist disposal company.

IMDG Code : 5.1/III

4UN No. : 1474

IATA : 5.1

Hazard Pictogram(s) :-



GHS03



GHS07

Replace Date 03/07/2020