

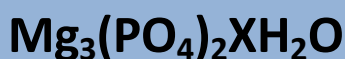


Product Specification

cdhfinechemical.com

MAGNESIUM PHOSPHATE HYDRATE

PRODUCT CODE	024965
SYNONYMS	--
C.I. NO.	--
CASR NO.	(53408-95-0)
ATOMIC OR MOLECULAR FORMULA	$Mg_3(PO_4)_2 \cdot xH_2O$
ATOMIC OR MOLECULAR WEIGHT	262.86 (Anhy.)
PROPERTIES	Soluble in ammonium hydroxide, nitric acid, sulfuric acid, hot water; insoluble in alcohol.



PARAMETER	LIMIT
Description	A white fine powder.
Solubility	Soluble in dilute minerals acids.
Minimum Assay(ex Mg,on dried basis)	98.0%

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 400 ⁰ C	24.0-30.0%
Chloride (Cl)	0.01%
Sulphate (SO ₄)	0.02%
Iron (Fe)	0.05%
Heavy metals (Pb)	0.003

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

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.

Hazard Pictogram(s) :



Skin irritation

IMDG Code :
UN No. :
IATA :