



Product Specification

cdhfinechemical.com

MAGNESIUM PERCHLORATE HYDRATE

PRODUCT CODE	145005	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(64010-42-0)	
ATOMIC OR MOLECULAR FORMULA	Mg(ClO ₄) ₂ .XH ₂ O	Mg(ClO ₄) ₂ .XH ₂ O
ATOMIC OR MOLECULAR WEIGHT	223.21 (Anhy.)	
PROPERTIES	--	

PARAMETER	LIMIT	
Description	White crystals or crystalline powder or flakes or chunks.	
Solubility	Soluble in water.	
Minimum assay (Complexometric)	82.0-83.0%	
pH (5% solution in water, at 25 ^o C)	About 8.2	

MAXIMUM LIMIT OF IMPURITIES		
Chloride (Cl)	0.005%	
Nitrate (NO ₃)	0.002%	
Free alkali (as magnesium oxide)	0.05%	
Free alkali (as perchloric acid)	0.05%	

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/II 4UN No. : 1475 IATA : 5.1
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Hazard Pictogram(s) :-



GHS03



GHS07

Replace Date 14-Dec-21