



Product Specification

cdhfinechemical.com

NICKEL SULPHATE HEXAHYDRATE AR/ACS

PRODUCT CODE	593765	
SYNONYMS	[Nickel (II) sulphatehexahydrate.]	
C.I. NO.	--	
CASR NO.	(10101-97-0)	
ATOMIC OR MOLECULARFORMULA	NiSO ₄ . 6H ₂ O	NiSO ₄ .6H ₂ O
ATOMIC OR MOLECULARWEIGHT	262.85	
PROPERTIES	--	
PARAMETER	LIMIT	
Description	Emerald green crystals / crystalline powder.	
Solubility	10% Solution in water is bright and clear.	
Minimum Assay (Complexometric)	99.0%	
Nickel (Ni)	Min. 21.9%	
MAXIMUM LIMITS OF IMPURITIES		
Insoluble matter	0.003%	
Nitrogen compounds (N)	0.001%	
Calcium (Ca)	0.005%	
Chloride (Cl)	0.001%	
Cobalt (Co)	0.002%	
Copper (Cu)	0.002%	
Iron (Fe)	0.002%	
Heavy metals (Pb)	0.001%	
Sodium (Na)	0.01%	
Zinc (Zn)	0.002%	
Note(s) :Assay (if applicable) method mentioned.		
DANGER Hazard statements :Toxic if swallowed. Harmful if inhaled. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction. Suspected of causing cancer. Very toxic to aquatic life with long lasting effects Precautionary statements Prevention :Avoid breathing dust/fume/gas/mist/vapours/spray.In case of inadequateventilation wear respiratory protection.Use only outdoors or in a well ventilatedarea.Do not handle until all safety precautions have been read and understood.Use personal protective equipment as required.Contaminated clothing should not be allowed out of the workplace.Obtain special instructions before use.Wash hands thoroughly after handling.Do not eat, drink or smoke when using this product. Response : IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician.If exposed or concerned: Get medical attention advice.If skin irritation or rash occurs, seek medical advice/attention. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Gently wash with plenty of soap and water.Wash contaminated clothing before reuse.Specific treatment: refer to Label or MSDS.		IMDG Code : 9/III UN No. : 3077 IATA : 9
Disposal : The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.		



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GHS06



GHS08



GHS09

REPLACE DATE 04-NOV-2020S