

SHANGHAI MINTCHEM DEVELOPMENT CO., LTD

R602 4# 89 NONG MUDAN ROAD PUDONG SHANGHAI CHINA

Specification Sheet

Nickel Sulfate

Physical Properties:

Formula	NiSO ₄ ·6H ₂ O	Molecular Weight	262.86	CAS NO	7786-81-4
U.N-NO	3077	Class	9	H.S-NO	2833240000

Character: Emerald granular crystal, solutable in water and alcohol. Presenting acid property in water. Subject to deliquescence, slightly subject to airslake. And it will lose all the crystal water when heated to 280℃ and turn into Kelly crystal without water which is soluble in water, not soluble in alcohol and aether. When heated to 840℃, it will give out sulfur trioxide and turn into nickel oxide.

Chemical Parameters:

NO.	Technological Specification	Standard%
1	Ni	22min
2	Co	0.02max
3	Fe	0.002max
4	Cu	0.002max
5	Pb	0.001max
6	Zn	0.003max
7	Ca	0.02max
8	Mg	0.015max
9	Water insoluble matter	0.02max
10	Ammonium precipitate (Al)	0.003max
11	NH ₃	0.03max

APPLICATION: It's mainly used in galvanization industry, to pregalvanize and galvanize nickel, galvanize nickel-iron or nickel-cobalt alloy, and used in solvents of electroformed or chemical galvanized nickel.

PACKAGE: Packing in plastic weaved bag 25kg each.

TRANSPORTATION: DG, Class 9, UN 3077

MANUFACTURER: SHANGHAI MINTCHEM DEVELOPMENT CO., LTD

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