

SHANGHAI MINTCHEM DEVELOPMENT CO., LTD

R602 4# 89 NONG MUDAN ROAD PUDONG SHANGHAI CHINA

Specification Sheet

Nickel Fluoroborate

Physical Properties:

Formula	Ni(BF ₄) 2·4H ₂ O	Molecular Weight	232.3	CAS NO	14708-14-6
U.N-NO	1759	Class	6.1	H.S-NO	2826909090

Character:

Green crystal, relative density 2.136, soluble in water, ethanol, anhydrous nickel fluoride is a colorless and transparent solution of boric acid.

Chemical Parameters:

NO.	Technological Specification	Standard%	
		Solid	Liquid
1	Main content: Ni(BF ₄) ₂ ·4H ₂ O ≥	98.0	50.0
2	PO ₄ ≤	0.01	0.005
3	Fe ≤	0.005	0.002
4	Pb ≤	0.10	0.05
5	Cl ≤	0.10	0.05
6	SO ₄ ≤	0.10	0.05
7	SiO ₂ ≤	0.01	0.005
8	Water solubility test	Up to standard	Up to standard

APPLICATION: It is mainly used as fusing assistant in aluminium electrolysis.

PACKAGE: Solid packing in plastic weaved bag 25kg each, Liquid packing in plastic drum 25 kg each.

TRANSPORTATION: DG, Class 6.1, UN 1759

MANUFACTURER: SHANGHAI MINTCHEM DEVELOPMENT CO., LTD

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