

SHANGHAI MINTCHEM DEVELOPMENT CO., LTD

R602 4# 89 NONG MUDAN ROAD PUDONG SHANGHAI CHINA

Specification Sheet

Sodium Nitrate

Physical Properties:

Formula	NaNO3	Molecular Weight	84.99	C.A.S-NO	7631-99-4
U.N-NO	1498	Class	5.1	H.S-NO	3102500000

Character:

Transparent,colorless crystal or yellowish rhombic.It easily deliquesce in the air.It is a kind of strong oxidizer,it can be burning and exploding when mixed with organic substance.It is very soluble in water.306° C melting point and 380° C boiling point.

Chemical Parameters:

NO.	Technological Specification	Fine Grade	First Grade	Qualified Grade
1	NaNO3	99.7%min	99.3%min	98.5%min
2	Moisture	1.0%max	1.5%max	2.0%max
3	Water insoluble matter	0.03%max	0.06%max	-
4	Chloride	0.25%max	0.30%max	-
5	NaNO2	0.01%max	0.02%max	0.15%max
6	Iron	0.005%max	0.005%max	-
7	Na2CO3	0.05%max	0.10%max	-
8	Relax	90%max	-	-

APPLICATION: It is mainly used as an ingredient in fertilizers, pyrotechnics, as an ingredient in smoke bombs, as a food preservative, and as a solid rocket propellant, as well as in glass and pottery enamels.

PACKAGE: Packing in 25kgs each plastic weaved bag .

Transportation: DG,Class 5.1, UN 1498

MANUFACTURER: SHANGHAI MINTCHEM DEVELOPMENT CO., LTD

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