

SHANGHAI MINTCHEM DEVELOPMENT CO., LTD

R602 4# 89 NONG MUDAN ROAD PUDONG SHANGHAI CHINA

Specification Sheet

Sodium Nitrite

Physical Properties:

Formula	NaNO ₂	Molecular Weight	68.99	C.A.S-NO	7632-00-0
U.N-NO	1500	Class	5.1	H.S-NO	2834100000

Character:

White to slight yellowish crystalline powder. Stable. Incompatible with reducing agents, strong oxidizing agents, organics and other flammable materials, finely powdered metals. Contact with combustible material may lead to fire. It is very soluble in water and is hygroscopic. It is also slowly oxidized in the air to sodium nitrate, NaNO₃. 271° C melting point and 320° C boiling point.

Chemical Parameters:

NO.	Technological Specification	Standard%		
		High-class product	First-class product	Qualified product
1	NaNO ₂ (as dry basis)	99.0%min	98.5%min	98.0%min
2	Moisture	1.4%max	2.0%max	2.5%max
3	Chloride(NaCl)(as dry basis)	0.10%max	0.17%max	0.20%max
4	insoluble(as dry basis)	0.05%max	0.06%max	0.10%max
5	NaNO ₃ (as dry basis)	0.80%max	1.00%max	1.90%max

APPLICATION: It is mainly used as a color fixative and preservative in meats and fish. It is also used in the manufacture of diazo dyes, nitroso compounds, and other organic compounds.

PACKAGE: Packing in 25kgs each plastic weaved bag.

Transportation: DG, Class 5.1, UN 1500

MANUFACTURER: SHANGHAI MINTCHEM DEVELOPMENT CO., LTD

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