



SUPREME PETRO CHEMICALS

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TECHNICAL DATA SHEET

Sodium Nitrate (*Technical Grade*)

DOC SPC-TDS-PWD-020
Rev 01 · 10 June 2026

CAS **7631-99-4** HSN **2834 21 00** GRADE **IS 5058 – Technical Grade**

MANUFACTURED BY

Gujarat Narmada Valley Fertilizers & Chemicals (GNFC)

Bharuch, Gujarat — Government of Gujarat enterprise; large-scale fertiliser & chemical manufacturer; ISO 9001 certified

NO	PARAMETER	UNIT	SPECIFICATION
01	Sodium Nitrate (NaNO ₃)	% mass	99.0 min
02	Appearance	—	White crystalline solid
03	Moisture	% mass	0.6 max
04	Matter insoluble in water	% mass	0.05 max
05	Chloride (as NaCl)	% mass	0.20 max
06	Sulphate (as Na ₂ SO ₄)	% mass	0.10 max
07	Sodium Nitrite (as NaNO ₂)	% mass	0.01 max
08	Iron (as Fe)	ppm	30 max
09	pH (5% solution)	—	6.5 – 9.0

HANDLING

Oxidiser (UN 1498, Class 5.1). Intensifies fire; keep away from combustible materials, heat and reducing agents. Store in a cool, dry, well-ventilated area in sealed bags. Avoid dust inhalation.

PACKAGING (AS SUPPLIED)

50 kg HDPE bags

For current pricing, availability or a Certificate of Analysis for Sodium Nitrate: call or WhatsApp **+91 81979 47045 · +91 86087 80096**, or see [Supremepetrochemicals.com/products/sodium-nitrate](https://www.supremepetrochemicals.com/products/sodium-nitrate). Quotes are typically answered within 4 working hours (Mon–Sat).

All specification values in this document are reproduced from the as per IS 5058 (sodium nitrate, technical) — typical commercial white-crystal grade, cross-checked against the manufacturer's published documentation and Certificate of Analysis. Supreme Petro Chemicals provides this Technical Data Sheet in good faith for reference only and accepts no liability for errors, omissions, or subsequent revisions by the manufacturer; the manufacturer's current documentation prevails. This is not a Certificate of Analysis — a batch-specific CoA accompanies every consignment.