



SUPREME PETRO CHEMICALS

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No. 145, 1st Floor, Raja Muthiah Road,
Periyamet, Chennai – 600003, India
+91 81979 47045 · +91 86087 80096
Admin@supremepetrochemicals.com

TECHNICAL DATA SHEET

Nitric Acid (*Commercial Grade*)

DOC SPC-TDS-ACD-016
Rev 01 · 10 June 2026

CAS **7697-37-2** HSN **2808 00 10** GRADE **Commercial Grade (60–70%)**

MANUFACTURED BY

GNFC

Gujarat Narmada Valley Fertilizers & Chemicals Ltd., Bharuch, Gujarat — ISO 9001 / 14001 certified manufacturer

NO	PARAMETER	UNIT	SPECIFICATION
01	Concentration (as HNO3)	% mass	60 – 70
02	Appearance	—	Colourless to pale yellow liquid
03	Specific Gravity at 27 °C	—	1.37 – 1.42
04	Sulphate (as SO4)	% mass	0.01 max
05	Chloride (as Cl)	% mass	0.005 max
06	Iron (as Fe)	ppm	10 max
07	Residue on Ignition	% mass	0.02 max
08	Nitrous Acid (as HNO2)	% mass	0.05 max

HANDLING

Strong oxidiser and highly corrosive (UN 2031, Class 8); causes severe burns. Reacts violently with organics and metals, releasing toxic nitrogen oxide fumes. Store away from combustibles in vented, acid-resistant containers.

PACKAGING (AS SUPPLIED)

Carboys / road tanker

For current pricing, availability or a Certificate of Analysis for Nitric Acid: call or WhatsApp **+91 81979 47045 · +91 86087 80096**, or see Supremepetrochemicals.com/products/nitric-acid. Quotes are typically answered within 4 working hours (Mon–Sat).

All specification values in this document are reproduced from the manufacturer's published specification (commercial grade, commercial 60–70% 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.