

TECHNICAL DATA SHEET

Nitric Acid

68-70% nitric acid with sharp odor for pH control, metal precipitation, cleaning and descaling, and oxidation processes in water treatment applications.

Typical Properties

Chemical formula	HNO ₃
CAS number	7697-37-2
Appearance	Colorless liquid with sharp odor
Concentration / assay	68-70% HNO ₃
Specific gravity (20 degC)	1.40-1.42
pH	< 1.0
Solubility	Fully miscible with water
Shelf life	12 months
Storage	Acid-resistant containers

Applications

- pH control
- Metal precipitation
- Cleaning and descaling
- Oxidation processes

Packaging

- 200L drums
- 1000L IBC
- Bulk tanker

Certifications / Registrations

ISO 9001

Values shown are typical properties, not a sales specification. A Certificate of Analysis (CoA) accompanies every shipment. Safety Data Sheets (SDS) are available on request via www.chimiart.com or info@chimiart.com.

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