



SUPREME PETRO CHEMICALS

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CHEMICALS · SINCE 1997

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TECHNICAL DATA SHEET

Phosphoric Acid (*Ortho*, 85%)

DOC SPC-TDS-ACD-005

Rev 01 · 10 June 2026

CAS 7664-38-2

HSN 2809 20 10

GRADE Orthophosphoric Acid, Technical Grade

MANUFACTURED BY

Grasim Industries Limited (Aditya Birla)

Chemical Division, Karwar, Karnataka — IS 798:1986 compliant Quality Control Department

NO	PARAMETER	UNIT	SPECIFICATION
01	Orthophosphoric Acid (H ₃ PO ₄)	%	86.0 min
02	P ₂ O ₅ Content	%	62.3 min
03	Specific Gravity at 20 °C	—	1.685 min
04	Appearance	—	Clear, colourless syrupey liquid
05	Iron as Fe	ppm	10.0 max
06	Calcium as Ca	ppm	80.0 max
07	Chloride as Cl	ppm	20.0 max
08	Sulphate as SO ₄	ppm	300 max
09	Fluoride as F	ppm	100 max
10	Heavy Metals (as Pb)	ppm	10 max

HANDLING

Corrosive to eyes, skin and metals (UN 1805, Class 8); use acid-resistant gloves, goggles and apron, handle in well-ventilated areas, and store away from alkalis and reactive metals.

PACKAGING (AS SUPPLIED)

50 kg carboys

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

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