



HARDMAN CHEMICALS
11 BODEN ROAD, SEVEN HILLS, NSW 2147
PO BOX 122, SEVEN HILLS, NSW 1730
TEL: +612 9624 1333 FAX: +612 9624 5851
EMAIL: info@hardman.com.au

PRODUCT SPECIFICATION SHEET

Product name: ALPHOS/PAC30B

Specification code: PAC30B

Description: Polyaluminium chloride solution, 30% basic, with roughly 6.35% w/w aluminium (12.0% w/w as alumina)

PROPERTY	SPECIFICATION
Total aluminium	61.9 – 65.1 g/kg 6.19- 6.51 % w/w
Total aluminium as alumina (Al ₂ O ₃)	117 to 123 g/kg 11.70 to 12.30 % w/w
Total chloride	171 to 179 g/kg 17.1 to 17.9 % w/w
Appearance	Yellow solution, clear to slightly hazy
Typical iron concentration	10 to 20 mg/kg
Specific gravity (SG) at 25°C (SG of water = 1.00 at 15°C)	1.255 to 1.270
pH (undiluted, at 25°C)	1.45 to 1.70

PACKAGING

200 litre (250 kg) blue Dangerous Goods Class polyethylene drums
1000 litre (1260 kg) Schutz boxes

PROPERTIES

PAC30B is a high purity aqueous solution of 30% basic polyaluminium chloride. It may be coloured pale green or yellow and is stable for at least 12 months from the date of manufacture.

HAZARD DATA

PAC30B is classified as hazardous according to the criteria of Worksafe Australia, owing mainly to its acidity. It is corrosive to steel (including stainless) and to many other metals.

Classification: Class 8 (corrosive); UN 1760; Hazchem Code 2R. Packaging Group III.

Hardman will supply the latest Material Safety Data Sheet for this product on request.



ISO 9001:2000
Quality
Management



ISO 14001:2004
Environmental
Management



AS/NZS 4801:2001
Occupational Health
& Safety Management



Joint Accreditation
System of Australia
& New Zealand



Accredited for
Technical
Competence