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PRODUCT SPECIFICATION SHEET

Product name: ALPHOS

Specification code: PAC30B.01.0105

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

Hardman Stock Code: PAC30Bn ("n" is a container code).

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	Greenish yellow solution; Clear to slightly hazy, transparent when viewed in roughly 60 mm diameter glass beaker
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.