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PRODUCT SPECIFICATION SHEET

Product name: ALMIDE 50

Specification code: ALM50

Description: concentrated aluminium chloride solution, 49% w/w as aluminium chloride hexahydrate (AlCl₃•6H₂O), 27% w/w as aluminium chloride (AlCl₃).

PROPERTY	SPECIFICATION
Total aluminium as aluminium chloride hexahydrate (AlCl ₃ •6H ₂ O)	Approximately 49% w/w solution
Total aluminium as alumina (Al ₂ O ₃)	100.0 - 110.0 g/kg 10.00 to 11.0 % w/w
Appearance	Colourless to yellow solution; Clear to slightly hazy
Specific gravity (SG) at 25°C (SG of water = 1.00 at 15°C)	1.260 to 1.290
Iron	5 mg/kg (ppm) maximum
Heavy Metals (Cd + Cu + Pb)	10 mg/kg (ppm) maximum
pH (diluted to SG= 1.08 at 25°C)	2.3 to 3.5

PACKAGING

Bulk: by prior arrangement.
200 litre (250 kg) blue Dangerous Goods Class polyethylene drums

PROPERTIES

Almide is a high purity aqueous solution of high transparency that is especially low in iron, heavy metals and organic matter. It may be coloured pale green or yellow and is indefinitely stable when protected from evaporation or contamination.

APPLICATIONS

This grade of Almide may be used in the production of pharmaceutical aluminium hydroxide gels, adhesives, particle board and in water treatment & fabric dyeing. The product also has applications in the manufacture of concrete, in wood preservation and as a disinfectant in abattoirs and stables.

HAZARD DATA

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

UN No.: 2581

HAZCHEM: 2X

DG CLASS: 8

Poison Schedule: None

Packaging Group: III

EPG: 37



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