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PRODUCT SPECIFICATION SHEET

Product: ALCHLOR[®] CR (Colour Reducing grade) Specification code: ACHCR

Synonyms: aluminium chlorohydrate, 5/6 basic aluminium chloride, aluminium hydroxychloride, poly-aluminium chlorohydrate

PROPERTY	SPECIFICATION
Total aluminium as alumina (Al ₂ O ₃)	24.5-25.5 % w/w
Chloride (Cl)	9.0 to 11.0 % w/w
pH at 25°C	2.75-3.40
Specific gravity (SG) at 25°C (SG of water = 1.000 at 15°C)	1.350 to 1.380
Viscosity	15 cP-20 cP
Basicity	78.50-85.00 %
Appearance	Colourless to slightly opalescent
Odor	Odorless

PACKAGING

Australia: 200L high density polyethylene drums, 270 kg net; 1000 litre bulky-boxes; bulk tanker loads.

Export: 200L high density polyethylene drums, 250 kg net.

PROPERTIES

Alchlor[®] CR is an aqueous solution of aluminium hydroxychloride. Alchlor[®] CR is indefinitely stable and does not settle on standing. It is completely miscible with water and is readily metered and pumped owing to its low viscosity. Unlike lower basicity poly-aluminium chlorides, it is classified as non-corrosive.

APPLICATIONS

Alchlor[®] CR is a colour reducing grade specifically formulated to reduce organic colour. It is manufactured to even higher standards than Hardman's Alchlor-Premium, which itself has proven superior to other polyaluminium type products in water treatment and paper mill processes. It delivers enhanced coagulation performance and improved charge neutralisation properties.

HAZARD DATA

Alchlor[®]-Gold CR is classified as hazardous according to the criteria of Worksafe Australia, due mainly to the fact that it is mildly irritating to the eyes. However, following corrosion tests carried out in the Hardman laboratory, it does not require a Dangerous Goods classification.



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