



Alum Concentrate

INDUSTRIAL

GUARANTEED ANALYSIS

Sulphur (S)	10.1% w/v
S as Sulphate	10.1% w/v
Aluminium	5.6% w/v
Specific Gravity @ 20°C	1.32 kg/L
pH	1.0 to 2.0

(0-0-0-10)

SI0001

WARNING:
KEEP OUT OF REACH OF CHILDREN



20 L



GENERAL USE INFORMATION

Alum Concentrate is designed to be a cost effective coagulant for water and wastewater treatment. The product will remove organic and colloidal matter (removing turbidity), phosphate and will also assist in flocculating intact algae cells. Alum Concentrate will also react with and remove heavy metals such as arsenic, chromium and lead.

Doses rates may range from 50 mg/l for low turbidity water up to 2-300 mg/l for high turbidity water and industrial wastewater. Alum Concentrate can be diluted 100:1 with clean water prior to dosing. Good mixing with the treated water will improve performance.

Alum Concentrate is an acidic solution, reducing the water pH. Lime, soda ash or caustic soda can be used to adjust the pH up. Performing a jar test is recommended to determine the optimum dose rate and pH range (pH 4.5 to 8.5).

To maximise floc separation gentle settling and filtration conditions are recommended.

Use within 12 months of date of despatch, though storing in cold conditions (below 5 deg C) may result in some precipitation forming.

PRODUCT INFORMATION

PRODUCT STORAGE

Keep material in a shaded, cool, dry, well ventilated area. Store product in suitable containers made from material such as stainless steel, high density polyethylene and fibreglass. This product can be corrosive to material such as brass, copper, zinc or alloys of these metals. Clean equipment after application of Alum Concentrate thoroughly with clean fresh water. This product is recommended for use within 12 months from dispatch date.

WARNING & SAFETY INFORMATION

WARNING: Do not swallow. Fumes from this product may act as an irritant, use with adequate ventilation. Avoid inhalation and contact with the eyes and skin. Wear rubber gloves and appropriate eye protection when handling the product. See the product MSDS for further information - www.sltec.com.au

IMPURITIES

Lead (Pb) 25.3 mg/kg

Batch No. or Tank Number & Date:

Dispatch Date:

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