

PRODUCT SPECIFICATION

Aluminium Sulphate Liquid

1	Product Description		
	Liquid Alum is a solution aluminium sulphate. It is a general purpose inorganic coagulant used in the treatment of water and wastewater for domestic and industrial purposes.		
2	Other Names		
	Aluminium sulphate, liquid alum		
3	Ixom Product Code		
	ALUSUL08-B, ALUSUL08-1000, ALUSUL08-1000NR, ALUSUL08-200, ALUSUL08-15		
4	Packaging		
	Alum is available in bulk, 1,000L IBCs, 200L drums and 15L pails.		
5	Uses		
	Turbidity removal (colloidal matter) Colour removal (organic matter) Phosphorus removal from wastewater Coagulation of heavy metal contaminants: arsenic, chromium, & lead Assist flotation of algae cells		
6	Shelf Life and Storage Requirements		
	Liquid alum is stable for at least 12 months when stored within 5-50°C. Prolonged exposure to temperatures below 5 °C may result in some precipitation and deposition in dosing pipes. Liquid Alum can be stored in fiberglass (FRP/DRP), rubber lined steel, stainless Steel, uPVC, HDPE and PP, subject to the temperature limitations of the chosen material.		
7	Specifications		
Parameters	Morwell Plant	Osborne Plant	Heybridge Plant
Aluminium content as Al ₂ O ₃ %w/w	7.8 – 8.2 w/w	7.9 – 8.2 w/w	7.5 – 7.8 w/w
pH	2.3 – 2.8	2.3 – 2.8	>2.0 [generally 2.3 or 2.4]
Specific gravity	1.30 – 1.32	1.30 – 1.32	1.29 – 1.30

8 Approvals and Certifications

The product is manufactured and supplied under a certified Quality System (ISO 9001:2015).



IXOM OPERATIONS PTY LTD.
1 NICHOLSON STREET,
EAST MELBOURNE VIC 3002
PH: 1300 550 036 FAX: 1300 550 081
ixom.com

24 HR EMERGENCY RESPONSE SERVICE

Australia
1800 033 111

New Zealand
0800 734 607

International
+61 (0)3 9663 2130

ACN: 600 546 512

Issue Date: 14th Nov 2022
Issue Number: 3
Specification valid to: 13th Nov 2025