

# PRODUCT SPECIFICATION

## Aluminium Sulphate Liquid

1	<b>Product Description</b>		
	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	<b>Other Names</b>		
	Aluminium sulphate, liquid alum		
3	<b>Ixom Product Code</b>		
	ALUSUL08-B, ALUSUL08-1000, ALUSUL08-1000NR, ALUSUL08-200, ALUSUL08-15		
4	<b>Packaging</b>		
	Alum is available in bulk, 1,000L IBCs, 200L drums and 15L pails.		
5	<b>Uses</b>		
	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	<b>Shelf Life and Storage Requirements</b>		
	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	<b>Specifications</b>		
	<b>Parameters</b>	<b>Morwell Plant</b>	<b>Osborne Plant</b>
	Aluminium content as Al <sub>2</sub> O <sub>3</sub> %w/w	7.8 – 8.2 w/w	7.9 – 8.2 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).

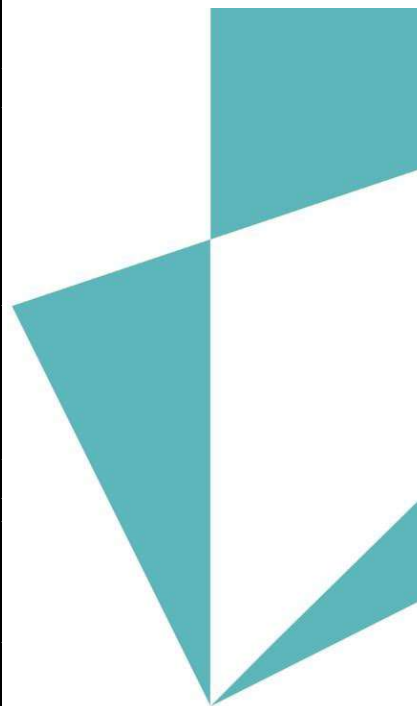
### 10 Country of Origin

Australia

### 11 Documentation Available on Request

The SDS complies with Safe Work Australia SDS Guidelines

**Issue Date:** 14<sup>th</sup> Nov 2022  
**Issue Number:** 3  
**Specification valid to:** 13<sup>th</sup> Nov 2025



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