

# PRODUCT SPECIFICATION

## PAC 23%

### 1.0 Product Description

PAC23 is a high concentration, high basicity liquid coagulant. It is a general purpose inorganic coagulant used in the treatment of water and wastewater for domestic and industrial purposes. PAC23 forms a small floc making it ideal for membrane and direct filtration applications.

### 2.0 Other Names

Aluminum Chlorohydrate, ACH,

### 3.0 Product Code

PAC23-B, PAC23-1000, PAC23-200, PAC23-15

### 4.0 Suggested Applications

Coagulant used in Water treatment, food and beverage industries.

### 5.0 Uses

Turbidity removal (colloidal matter)  
Colour removal (organic matter)  
Phosphorous removal from wastewater  
Coagulation of heavy metal contaminants: arsenic, chromium, & lead  
Assist flotation of algae cells

### 6.0 Packaging

PAC23 is available in bulk, 1000 litre IBC's, 200 litre drums

### 7.0 Shelf Life and Storage Requirements

PAC23 is stable for at least 12 months when stored within 5 -50°C.  
PAC23 can be stored in fiberglass (FRP/DRP), rubber lined steel, uPVC, HDPE and PP.  
Prolonged storage in stainless steel is not recommended.

### 6.0 Specifications

Test Parameter	Specification
Concentration % w/w	23.5% as Al <sub>2</sub> O <sub>3</sub> 40% as Al <sub>2</sub> (OH) <sub>5</sub> CL
Basicity %w/w	83%
SG	1.34
pH	3.5
Freeze Point	<0°C

### 7.0 Approvals and Certifications

The product is manufactured and supplied under an Accredited Quality System (ISO 9001:2008)  
Material meets Australia Drinking Water Guidelines  
PAC23 has NSF certification

### 8.0 Country of Origin

Australia  
Plants located in NSW

### 9.0 Documentation Available on Request

SDS

This specification is for the supply and delivery of PAC23 to nominated sites. Purchasers and users of this product are responsible for ensuring that PAC23 meeting the specification below is fit and suitable for that party's use(s), purpose(s), requirement(s), process(es) and equipment. Ixom Operations Pty Ltd and its related companies do not take any responsibility for those aspects or requirements.



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