



Poly-Aluminium Chloride (PAC)

Manufacturer:

ASM Chemical Industries Ltd.

Factory:

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1. PRODUCT NAME

Polyaluminium Chloride (PAC)

2. PROPERTIES

01.	Physical Appearance	Pale Yellow Liquid
02.	Odor	Mild
03.	Chemical Stability of Powder	Hygroscopic in nature
04.	Solubility	Soluble in water

3. SPECIFICATIONS

	Characteristics	Unit	For Drinking Water	For Waste Water
01.	Physical State	-	Liquid form	Liquid form
02.	Alumina Content, Al ₂ O ₃	%	13.5-18.0	13.0
03.	Basicity	%	40-50 & 75-85	75-85
04.	pH Value, 1.0% w/v	-	3.5-5.0	3.5-5.0
05.	Water Insoluble	%	≤ 0.6	≤ 0.5
06.	Iron as Fe	%	0.008	≤ 5.0
07.	Arsenic, As	ppm	≤ .0002	≤ .0005
08.	Chromium, Cr	ppm	≤ .0005	≤ .0015
09.	Lead, Pb	ppm	≤ .001	≤ .002
10.	Cadmium, Cd	ppm	≤ .0002	≤ .0006

4. PACKING

Liquid: 240 kg HDPE drums/ Acid Resistance Rubber lined tankers

5. USES

Municipal & Industrial Portable water treatment, Municipal & Industrial waste water treatment, Sizing in Paper and pulp industries, Decolorisation & Decontamination of dyes in textile industry

6. HANDLING & STORAGE

It is desirable use personal protective equipment while handling PAC, stored in a normal temperature & should not be stored in hot condition

(Md. Ali Zinnah)
Chief Chemist Q.C