



## ASHAION A-95

### *Anionic Polyelectrolyte Powder*

#### DESCRIPTION:

Ashaion A-95 is a high-performance anionic polyelectrolyte powder designed for efficient coagulation and flocculation in water treatment processes. It is characterized by its low charge and moderate molecular weight, making it particularly effective in solid-liquid separation operations. Ashaion A-95 is used to remove suspended solids, clarify water, and treat effluent from various industrial sectors such as textile, paper, and food industries. Its high efficiency at low dosages helps reduce sludge formation and improve filtration.

#### SPECIFICATIONS:

Parameter	Details
Appearance	Off-white powder
Charge	Low
Molecular Weight	8-10 million
Solubility	Fully water-soluble
pH Range	5 - 9
Viscosity (1% Solution)	Varies depending on usage
Flash Point	Not applicable (non-flammable)

#### ADVANTAGES:

1. Low charge anionic polymer, ideal for a variety of coagulation and flocculation processes.
2. Highly effective in removing suspended solids and improving water clarity.
3. Can be used in a wide range of industrial applications.
4. Helps reduce sludge formation and minimizes waste.

Regd. Office: Gat No 227/2, Village Dhanore,  
& Factory. Alandi-Markal Road, Tal. Khed  
Dist. Pune - 412 105  
CIN No: U99999MH1993PLC073569

Tel: 020-2638 2401  
E-mail: [office@asharesins.com](mailto:office@asharesins.com)  
Website: [www.asharesins.com](http://www.asharesins.com)  
GSTIN: 27AABCA5790M1Z9



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5. Effective at low dosages compared to traditional coagulants.
6. Improves filtration efficiency.
7. Suitable for wastewater treatment in diverse industries, including textiles, paper, and food processing.

## APPLICATIONS:

- Effluent treatment in industries such as textiles, paper, and food.
- Water clarification in municipal and industrial water treatment plants.
- Solid-liquid separation processes in various industrial sectors.

## DOSAGE:

- Typical dosage range: **1 - 10 ppm** depending on the water characteristics, suspended solid content, and treatment objectives.
- The exact dosage should be optimized based on jar testing or pilot-scale trials for each application.

## METHODS OF DOSING:

- **Laboratory:**  
Prepare a 1% solution of Ashaion A-95 in water and use jar testing to determine the optimal dosage.
- **Plant:**  
Typically, a 0.1% to 1% solution is prepared, depending on the application. The product is applied to the system through a metering pump for accurate dosing.

## HANDLING PRECAUTIONS:

- Ashaion A-95 is a powder, and it is recommended to avoid inhalation of dust.
- Wear appropriate personal protective equipment such as gloves and dust masks when handling the product.
- In case of contact with eyes or skin, rinse immediately with plenty of water.
- Ensure proper ventilation when handling the product in bulk.

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## **PACKAGING:**

Ashaion A-95 is available in:

- 25 kg or 50 kg HDPE bags.

## **STORAGE & SHELF LIFE:**

- Store in a cool, dry place, away from direct sunlight and moisture.
- The product should be used within 12 months from the date of manufacture for optimal performance.

## **MATERIAL HANDLING:**

- Use standard handling precautions to prevent exposure to dust or prolonged skin contact.
- Handle the product with care to avoid spillage and contamination.

## **DISCLAIMER:**

The information provided in this document is based on reliable data; however, Asha Resins Pvt Ltd cannot guarantee specific results as the conditions and methods of use are beyond our control. We recommend that users test the product for compatibility with their specific applications.

For additional information, samples, or Material Safety Data Sheets, please contact us.

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