



## Technical Data Sheet (TDS)

Product Name: ASHAION® FL 431 AM

Product Category: Flocculant

Chemical Type: Anionic Polyacrylamide

### 1. Product Description

ASHAION® FL 431 AM is an anionic flocculant designed for effective solid-liquid separation in water and wastewater treatment processes. With optimized molecular weight and charge density, it enhances floc formation and improves the clarification of suspended solids.

### 2. Application Areas

- Primary clarification in municipal and industrial wastewater treatment
- Sludge dewatering systems
- Mining and mineral processing effluents
- Paper and pulp industry
- Food and beverage wastewater streams

### 3. Key Properties

Property	Specification
Physical Appearance	White to off-white granular powder
Ionic Nature	Anionic
Molecular Weight	Medium
Bulk Density	~0.7 g/cm <sup>3</sup>
Solubility	Completely soluble in water
Shelf Life	24 months in original packaging

### 4. Handling & Storage

- Store in a cool, dry, and well-ventilated area.
- Keep away from moisture and direct sunlight.
- Use proper protective equipment during handling.
- Avoid dust formation; use local exhaust ventilation if necessary.

### 5. Safety & Precautions

- Avoid inhalation of dust.
- Use gloves and eye protection during handling.

- In case of contact with eyes or skin, rinse immediately with plenty of water.
- Refer to the Safety Data Sheet (SDS) for complete safety instructions.

## **6. Packaging**

Available in 25 kg HDPE-lined bags or customized packaging upon request.

## **7. Regulatory Compliance**


Non-toxic and compliant with general industrial safety norms.

For use in water treatment applications as per local regulations.

## **8. Technical Support**

For application guidance, dosing optimization, or troubleshooting, please contact:

 Email: [support@asharesins.com](mailto:support@asharesins.com)

 Phone: +91-70282 00892

 Website: [www.asharesins.com](http://www.asharesins.com)