



Technical Data Sheet (TDS)

Product Name: ASHAION FL 430 AH

Product Type: Flocculant

Category: Anionic Flocculant for Water & Wastewater Treatment

Product Description:

ASHAION FL 430 AH is a high-performance anionic flocculant designed for use in water clarification, primary sedimentation, and sludge dewatering applications. It offers excellent particle binding capabilities, leading to faster settling rates and clearer supernatant water. Its powdered form allows for ease of dosing and efficient dissolution.

Applications:

- Primary clarification in water treatment plants
- Sludge dewatering in municipal and industrial wastewater treatment
- Mining and mineral processing
- Paper and pulp industries
- Chemical and textile effluent treatment

Key Properties:

Property	Value
Physical Appearance	White to off-white free-flowing powder
Ionic Character	Anionic
Molecular Weight	Very High
Bulk Density	0.65 – 0.85 g/cm ³
Solubility in Water	Completely soluble
Effective pH Range	6.0 – 9.0
Shelf Life	24 months from date of manufacture (when stored properly)

Dosage Guidelines:

- Typical dosage: 2 – 10 ppm depending on application and water quality
- Always conduct jar tests or lab evaluation to determine optimal dose
- Recommended dilution: 0.1% to 0.5% solution in clean water before dosing

Handling & Storage:

- Store in a cool, dry, and well-ventilated area away from direct sunlight and moisture
- Avoid inhalation of dust; use protective gloves and eyewear during handling
- Keep container tightly closed when not in use
- Hygroscopic material – reseal bags properly after use

Safety & Precautions:

- Not classified as hazardous under standard regulations
- Avoid contact with eyes and prolonged skin exposure
- In case of contact, rinse with plenty of water and seek medical advice if irritation persists
- For detailed safety guidance, refer to the Safety Data Sheet (SDS)

Packaging:

25 kg moisture-resistant HDPE-lined paper bags or as per customer requirement

Regulatory Compliance:

- Complies with general industry standards for wastewater flocculants
- Non-toxic and non-corrosive under recommended usage

Technical Support:

For technical assistance, jar testing protocols, or application support, please contact:

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