



TECHNICAL DATA SHEET

Product Name: ASHAION® FL 433 CH

Product Type: Flocculant

Application: Sludge Dewatering & Secondary Clarification

1. Product Description

ASHAION FL 433 CH is a high molecular weight cationic flocculant specifically designed for effective treatment of medium to heavy sludge during secondary clarification processes. It improves solid-liquid separation and enhances sludge dewatering performance.

2. Chemical Nature

- Primary Active Ingredient: High Molecular Weight Cationic Polymer
- Physical Form: Free-flowing granular powder or emulsion (as per variant)
- Color: White to off-white
- Ionic Nature: Cationic
- Solubility: Completely soluble in water
- Shelf Life: 24 months from the date of manufacture in original, sealed packaging

3. Typical Applications

- Municipal and industrial wastewater treatment
- Sludge thickening and dewatering
- Secondary clarification in activated sludge systems
- Pulp and paper effluent treatment

4. Key Features & Benefits

- Highly efficient in separating suspended solids
- Effective at low dosages
- Reduces sludge volume and enhances cake dryness

- Fast settling rate and improved clarity of supernatant
- Compatible with most sludge types and treatment systems

5. Handling & Safety

- Avoid contact with eyes and prolonged skin contact
- Use protective gloves and safety goggles during handling
- Store in a cool, dry place away from direct sunlight
- Refer to SDS for detailed safety information

6. Packaging

- Available in 25 kg bags or 50 kg drums
- Custom packaging available upon request

7. Storage Conditions

- Store in original containers tightly closed
- Avoid moisture contact and extreme temperatures
- Recommended storage temperature: 5°C to 35°C

For industrial use only. Contact Asha Resins Limited for application support and technical consultation.

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