



TECHNICAL DATA SHEET (TDS)

Product Name: ASHAION® OC 411 PD

Product Type: Organic Coagulant

Application: Raw Water & Industrial Effluent Treatment

Product Description

ASHAION® OC 411 PD is a high-performance organic coagulant specifically formulated for use in raw water and industrial effluent treatment systems. It is designed to effectively destabilize and aggregate suspended particles, resulting in superior clarification, reduced sludge volume, and improved overall water quality.

Key Features & Benefits

- Rapid coagulation and floc formation
- Efficient reduction in turbidity and suspended solids
- Minimizes sludge volume and enhances dewatering
- Effective over a wide pH range
- Compatible with most conventional coagulants and flocculants
- Non-toxic and environmentally safe when used as directed

Typical Applications

- Municipal and industrial raw water clarification
- Primary and secondary effluent treatment in ETP/STP plants
- Textile, paper, chemical, and food processing industries
- Sludge conditioning and reduction

Technical Specifications

Parameter	Specification
Appearance	Clear to pale yellow liquid
Ionic Nature	Cationic
Active Content (%)	25 – 40%

pH (as is)	4.0 – 6.0
Specific Gravity @ 25°C	1.05 – 1.15
Solubility	Completely soluble in water

Dosage Guidelines

Dosage depends on effluent characteristics and treatment objectives.

Typical range: 5 – 100 ppm

Jar testing is strongly recommended to determine the optimal dosage.

Storage & Handling

Store in a cool, dry, and well-ventilated area.

Avoid direct sunlight and freezing conditions.

Shelf life: 12 months from the date of manufacture when stored in original, unopened containers.

Packaging

Available in 50 kg HDPE carboys and 200 kg HDPE drums.

Custom packaging available upon request.

Safety & Precautions

Avoid contact with skin and eyes. Use protective gloves and eyewear.

In case of contact, rinse immediately with plenty of water and seek medical advice if irritation persists.

Refer to the Safety Data Sheet (SDS) for detailed handling instructions.

For industrial use only.

Contact us for technical assistance and application support.

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