



ASHAION® OC 411 PD

High-Performance Organic Coagulant

For Efficient Treatment of Raw Water and Industrial Effluents

Product Overview

ASHAION® OC 411 PD is a premium-grade polyDADMAC-based organic coagulant formulated for high-efficiency clarification of raw and industrial wastewater. With its powerful charge neutralization and bridging capabilities, it delivers fast and effective coagulation even in challenging water conditions.

Key Benefits

- Superior removal of suspended solids and color
- Reduces sludge volume significantly
- Enhances downstream filtration efficiency
- Fast settling and low residual turbidity
- Effective across a wide pH range
- Compatible with most inorganic coagulants and flocculants

Applications

- Industrial Effluent Treatment Plants (ETPs)
- Raw water treatment in municipal & industrial setups
- Clarifiers, sedimentation tanks & DAF units
- Sectors: Textile, Paper, Food Processing, Chemicals, Pharma

Typical Properties

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

Packaging

- 50 kg HDPE carboys
- 200 kg HDPE drums
- Custom packaging available upon request

Recommended Dosage

- 5 – 100 ppm depending on wastewater characteristics
- Jar test recommended for optimal dosage determination

Storage & Safety

- Store in a cool, dry, and ventilated area away from sunlight
- Shelf life: 12 months from date of manufacture
- Use gloves and goggles during handling
- Refer to MSDS for safety guidelines

Why Choose ASHAION®?

- Consistent quality backed by ISO 9001:2015 certification
- In-house manufacturing ensures product traceability
- Technical support for application trials and optimization
- Trusted by industries across India and abroad

Contact Us

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