



ASHAION® CR 421 G

Advanced Colour Removal Solution for Industrial Effluents

Product Overview

ASHAION® CR 421 G is a high-performance colour removal chemical engineered to treat coloured wastewater from textile, dye, paper, ink, and printing industries. Its specially formulated composition ensures superior decolorization performance even in effluents with high colour load and variable pH.

Key Features

- Highly effective in removing synthetic dyes and colour pigments
- Works across a wide pH range (compatible with acidic and neutral waters)
- Reduces COD and improves overall effluent clarity
- Fast reaction time – ensures efficient flocculation and sedimentation
- Can be combined with inorganic coagulants for improved results
- Non-toxic and environmentally safe when used as directed

Typical Applications

- Textile Dye Houses
- Pulp & Paper Mills
- Paint & Pigment Industries
- Ink Manufacturing Units
- Industrial Laundries
- Effluent Treatment Plants (ETPs)

Dosage Guidelines

Typical dosage: 50 to 300 ppm, depending on colour intensity and effluent nature

Best results when dosed after primary coagulant addition and before final clarification

Jar testing recommended for site-specific optimization

Product Specifications

Parameter	Specification
Appearance	Clear to pale yellow liquid
pH (as supplied)	4.0 – 7.0
Solubility	Completely miscible in water
Specific Gravity	1.00 – 1.10
Shelf Life	12 months from manufacturing date
Packaging	50 Kg / 200 Kg HDPE Drums

Packaging & Safety

- Supplied in high-quality HDPE drums
- Store in cool, dry areas away from direct sunlight
- Use PPE (gloves, goggles) while handling
- Avoid contact with skin and eyes

Technical Support & Bulk Enquiries

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