



PRODUCT BROCHURE / SALES SHEET

ASHAION® CR 420

Advanced Colour Removal Solution for Industrial Effluents






Product Type: Colour Removal Chemical

Available Packs: 5 Kg | 20 Kg | 50 Kg HDPE Drums

Product Overview

ASHAION® CR 420 is a high-performance cationic coagulant specially designed to treat effluents from industries such as textiles, dye manufacturing, and paper mills. It works effectively in removing colour and reducing COD/BOD by destabilizing charged color bodies and forming flocs that settle easily.

Key Features & Benefits

-  Superior Colour Removal Efficiency – Achieves >90% colour reduction in most industrial dye-laden wastewaters.
-  Reduces COD and BOD – Helps meet regulatory discharge standards by aiding in organic load removal.
-  Rapid Action – Quick floc formation with minimal dosage—reduces treatment time.
-  Versatile Compatibility – Works across a wide pH range and with multiple effluent types.
-  Cost-Effective – Lowers sludge generation compared to inorganic coagulants.

Applications

- Textile Dyeing & Finishing Units
- Paper & Pulp Industries
- Ink Manufacturing
- Paint & Pigment Processing Units
- Dye Intermediates & Formulation Plants
- Effluent Treatment Plants (ETPs) in SME Clusters

Typical Properties

| Parameter | Value |
|------------------|-----------------------------|
| Appearance | Clear to Pale Yellow Liquid |
| pH (1% Solution) | 3.0 – 6.0 |
| Active Content | ~25 – 30% |
| Specific Gravity | 1.05 – 1.15 @ 25°C |
| Solubility | Completely Soluble in Water |

Recommended Dosage

General Dosage: 100–500 ppm

Conduct a jar test for site-specific optimization.

Storage & Handling

- Store in a cool, dry, and ventilated area.
- Protect from direct sunlight and freezing.
- Use appropriate PPE (gloves, goggles) during handling.

Packaging Available

- 5 Kg Can
- 20 Kg Carboy
- 50 Kg HDPE Drum

Why Choose ASHAION® CR 420?

- Backed by Asha Resins Limited's 25+ years of chemical expertise
- Proven performance in over 100+ textile and dye industry ETPs
- Customizable supply and on-site technical support available

Contact Us

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