



TECHNICAL DATA SHEET (TDS)

Product Name: ASHAION® CR 421 G

Product Type: Colour Removal Chemical

Application: Industrial Wastewater Treatment

Product Description

ASHAION® CR 421 G is a high-performance colour removal agent designed for a broad spectrum of industrial effluents. It effectively treats coloured wastewater from dyeing, textile, pulp & paper, and chemical industries. The formulation ensures rapid coagulation and precipitation of soluble and insoluble colour-causing compounds, delivering clear discharge and compliance with stringent environmental standards.

Key Features & Benefits

- Highly effective on a wide range of coloured effluents
- Works efficiently under varied pH and temperature conditions
- Reduces COD, BOD, and suspended solids
- Enhances settling and filtration performance
- Compatible with other water treatment chemicals

Recommended Applications

- Textile and dyeing units
- Paper & pulp industries
- Chemical processing plants
- Ink manufacturing units
- Effluent treatment plants (ETPs)

Dosage Guidelines

Typical Dosage: 10–100 ppm (may vary based on effluent load)

Dosage Determination: Jar testing is strongly recommended for optimal results.

Method of Addition: Can be dosed directly into the mixing zone of the treatment system.

Handling & Safety

- Use personal protective equipment (PPE) including gloves and goggles
- Avoid contact with skin and eyes
- In case of contact, rinse with plenty of water and seek medical advice
- Store in a cool, dry, and ventilated area, away from direct sunlight and strong oxidizers

Packaging

Available in 50 kg HDPE drums and 200 kg HDPE barrels

Custom packaging available on request

Shelf Life & Storage

Shelf Life: 12 months from the date of manufacture

Storage Conditions: Store in original tightly sealed containers at 5°C to 40°C

Disclaimer

This information is given in good faith and is based on our current knowledge. It is intended to describe the product from a technical point of view and should not be construed as guaranteeing specific properties.