



## ASHAFLOC C180M

*Liquid Cationic Polyelectrolyte*

### DESCRIPTION:

ASHAFLOC C180M is a highly effective liquid cationic polyelectrolyte primarily used for coagulation in liquid-solid separation processes. It is designed to assist in the clarification of both municipal and industrial water supplies and excels in the treatment of dye and pigment industry effluents, helping to significantly reduce color intensity. Its low active content makes it an ideal solution for more sensitive applications where lower doses are preferred. This product provides efficient coagulation with minimal sludge formation, reducing operational costs and improving overall system performance.

### SPECIFICATIONS:

Parameter	Details
Appearance	Clear to pale yellow liquid
Active Content	20%
Specific Gravity	1.05
Viscosity (CPS)	50 - 2000
pH	4 ± 0.5
Solubility	Fully water-soluble
Flash Point	Above 90°C

### ADVANTAGES:

1. Efficient coagulation with low active content.
2. Minimizes aluminum and iron carryover.
3. Ideal for applications requiring low dosage.
4. Faster settling and more easily filterable floc.
5. Reduces sludge handling and disposal problems.

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GSTIN: 27AABCA5790M1Z9



# ASHA Resins Limited

(Formerly known as Asha Resins Private Limited)

6. Effective across a wide range of pH values.
7. Safe for use in potable water treatment.
8. Helps remove color from effluents.

## APPLICATIONS:

- Primary coagulation in water treatment.
- Color removal from effluents in the dye and pigment industries.
- Liquid-solid separation in various industrial applications.

## DOSAGE:

Application	Dosage
Primary Water Treatment	0.2 ppm to 1 ppm
Dyes and Pigment Effluents	Varies based on effluent composition, dye concentration, and desired color reduction.

## METHODS OF DOSING:

- **Laboratory:**  
Dissolve 1 gm (1 ml) of ASHAFLOC C180M in 1 liter of distilled water while agitating. Adding 1 ml of this solution to 1 liter of sample water provides a 1 ppm concentration.
- **Plant:**  
Dilute ASHAFLOC C180M in a 50:1 ratio before use. Higher dilution and multiple application points may enhance its performance.

## HANDLING PRECAUTIONS:

- ASHAFLOC C180M is moderately corrosive in undiluted form. Use corrosion-resistant materials like stainless steel or plastic for handling and feeding systems.
- Ensure proper flushing of the feed system with water after long shutdowns.

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## **PACKAGING:**

ASHAFLOC C180M is supplied in:

- 35 kg or 50 kg HDPE containers.

## **STORAGE & SHELF LIFE:**

- Store in a cool, dry location away from direct sunlight and extreme temperature fluctuations.
- Shelf life is 12 months under recommended storage conditions.

## **MATERIAL HANDLING:**

- Wear appropriate safety equipment, including gloves and goggles, when handling the product. Avoid direct contact with skin and eyes.

## **DISCLAIMER:**

The information provided in this document is based on data believed to be accurate. However, the use of the product must be determined by the user, who should verify its suitability for specific applications. We do not guarantee the results as conditions of use are beyond our control.

For technical support, samples, or Material Safety Data Sheets, contact:

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