



ASHA Resins Limited

(Formerly known as Asha Resins Private Limited)

ASHAFLOC C180L

Liquid Cationic Polyelectrolyte

DESCRIPTION:

ASHAFLOC C180L is a highly efficient liquid cationic polyelectrolyte with low active content, making it an economical solution for coagulation in liquid-solid separation processes. It is particularly effective in treating water in municipal and industrial applications, as well as in effluent treatment from the dye and pigment industries. This product provides excellent coagulation at lower dosages compared to conventional coagulants, reduces sludge formation, and minimizes operational costs. It is non-toxic and can be used in potable water treatment systems for effective clarification.

SPECIFICATIONS:

Parameter	Details
Appearance	Clear to pale yellow liquid
Active Content	10%
Specific Gravity	1.05
Viscosity (CPS)	20 - 2000
pH	4 ± 0.5
Solubility	Fully water-soluble
Flash Point	Above 90°C

ADVANTAGES:

1. Low active content for economical applications.
2. Efficient coagulation with smaller dosage requirements.
3. Reduces sludge formation and improves dewatering.

Regd. Office: Gat No 227/2, Village Dhanore,
& Factory. Alandi-Markal Road, Tal. Khed
Dist. Pune - 412 105
CIN No: U99999MH1993PLC073569

Tel: 020-2638 2401
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Website: www.asharesins.com
GSTIN: 27AABCA5790M1Z9



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4. Effective over a wide pH range.
5. Non-toxic and safe for potable water use.
6. Ideal for color removal from effluent in the dye and pigment industries.
7. Minimizes aluminum and iron carryover.
8. Reduces overall operational and storage costs.

APPLICATIONS:

- Primary coagulation for water clarification in municipal and industrial water treatment.
- Removal of color from effluent in dye and pigment industries.
- Liquid-solid separation in various industrial processes.

DOSAGE:

Application	Dosage
Primary Water	0.2 ppm to 1 ppm
Dye and Pigment Effluent	Varies based on the concentration and nature of effluent. Typically requires lower doses than conventional

METHODS OF DOSING:

- **Laboratory:**
Dissolve 1 gm (1 ml) of ASHAFLOC C180L in 1 liter of distilled water while stirring. Adding 1 ml of this solution to 1 liter of sample water provides a 1 ppm concentration.
- **Plant:**
A dilution of 50:1 is recommended before applying the coagulant to the water. For enhanced performance, higher dilution ratios and multiple dosing points may be used.

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HANDLING PRECAUTIONS:

- ASHAFLOC C180L is moderately corrosive in its undiluted form. Handle with care and use materials resistant to corrosion such as stainless steel or plastic for the feed system.
- Ensure proper flushing of equipment with water after prolonged downtime.

PACKAGING:

ASHAFLOC C180L is supplied in:

- 35 kg or 50 kg HDPE containers.

STORAGE & SHELF LIFE:

- Store in a cool, dry place, away from direct sunlight and temperature extremes.
- The shelf life of the product is 12 months when stored under recommended conditions.

MATERIAL HANDLING:

- Use personal protective equipment such as gloves and goggles when handling ASHAFLOC C180L. Avoid direct contact with skin and eyes.
- In case of contact, rinse immediately with plenty of water.

DISCLAIMER:

The information provided in this document is based on reliable data; however, Asha Resins Pvt Ltd cannot guarantee specific results as the conditions and methods of use are beyond our control. We recommend that users test the product for compatibility with their specific applications.

For additional information, samples, or Material Safety Data Sheets, please contact:

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