



**ASHA Resins Limited**

(Formerly known as Asha Resins Private Limited)

# ASHAFLOC C180H

*Liquid Cationic Polyelectrolyte*

## DESCRIPTION:

ASHAFLOC C180H is a high-performance liquid cationic polyelectrolyte specifically formulated for liquid-solid separation and primary coagulation in water treatment processes. It is particularly effective in color removal for effluents from dyes and pigment industries and is suitable for potable water clarification. Its non-toxic nature and superior coagulation capabilities make it a reliable and economical alternative to traditional inorganic coagulants like ferric salts and alum.

## SPECIFICATIONS:

Parameter	Details
Appearance	Clear to pale yellow liquid
Active Content	40%
Specific Gravity	1.03
Viscosity (CPS)	100 - 3000
pH	4 ± 0.5
Solubility	Fully water-soluble
Flash Point	Above 90°C

## ADVANTAGES:

1. Eliminates aluminum and iron carryover.
2. Produces faster settling, more filterable floc.
3. Reduces storage and bulk handling costs.
4. Easy-to-feed liquid formulation.
5. Effective across all pH levels.

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GSTIN: 27AABCA5790M1Z9



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6. Unaffected by chlorine.
7. Minimizes sludge handling problems.
8. Approved for potable water use.
9. Significant color removal from effluents.

## APPLICATIONS:

- Primary water treatment in municipal and industrial water supplies.
- Liquid-solid separation processes.
- Color removal in effluents from dyes and pigment industries.

## DOSAGE:

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

## METHODS OF DOSING:

- **Laboratory:**  
Dissolve 1 gm (1 ml) of ASHAFLOC C180H in 1 liter of distilled water while agitating. Adding 1 ml of this solution to 1 liter of water yields a 1 ppm concentration.
- **Plant:**  
A 50:1 dilution of ASHAFLOC C180H is recommended before application. Greater dilution and multiple application points enhance performance.

## HANDLING PRECAUTIONS:

- Undiluted ASHAFLOC C180H is moderately corrosive. Feed systems should be constructed from corrosion-resistant materials such as stainless steel or plastic.
- Flush the feed system with water before prolonged shutdowns.

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## **PACKAGING:**

ASHAFLOC C180H is supplied in:

- 35 kg or 50 kg HDPE containers.

## **STORAGE & SHELF LIFE:**

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

## **MATERIAL HANDLING:**

- Use safety gear such as gloves and goggles while handling. Avoid direct skin and eye contact.

## **DISCLAIMER:**

The information provided is based on reliable data but is not guaranteed. Users should test the product's suitability for specific applications before large-scale use.

For technical support, samples, or Material Safety Data Sheets, contact us.

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