

Eautrix Polyamine

Eautrix Polyamine series are cationic polyquaternary amine polymers in water in different molecular weights, without foam. These cationic polymers work effectively as primary coagulants or possible coagulant aids in liquid – solid separation processes.

Chemical Name: Poly(Dimethylamine-co-Epichlorohydrin-co-Ethylenediamine) / Poly(dimethylamine-co-epichlorohydrin)

Product ID: Watrech 5035

Synonyms: Polyamine / Poly Epi-Amine; EPI-DMA

CAS No.: 42751-79-1 / 25988-97-0

EINECS No.: 610-057-9 / 607-843-9

Chemical Formula: $(C_3H_5ClO)_n.(C_2H_8N_2)_n.(C_2H_7N)_n / (C_5H_{12}ClNO)_n$

Specification:

Test Item	PA-1	PA-2	PA-3	PA-4	PA-5	PA-6
Viscosity (mPa.s)	50-200	200-500	600-1000	1000-3000	3000-6000	6000-10000
CAS No.	42751-79-1					
Appearance	Colorless to Light Yellow ViscousLiquid					
Content, %	49.0 - 51.0					
pH	5.0 - 7.0					

Test Item	PEA-1	PEA-2	PEA-3	PEA-4
Viscosity (mPa.s)	25-35	40-70	80-100	120-400
CAS No.	25988-97-0			
Appearance	Colorless to Light Yellow ViscousLiquid			
Content, %	49.0 - 51.0			
pH	5.0 - 8.0			



Application:

The Eautrix Polyamine series are recommended for the following processes of liquid-solid separation

- Waste water treatment
- Drinking water treatment
- Mining
- Paper making
- Textile industry
- Oil industry

Features and Benefits:

- No need to dilute before use
- Lower your cost – effective at low dosage levels
- Effective over a wide range of pH
- No change of system pH after use
- Reduce consumption of inorganic coagulants
- Good solubility

Direction to use:

Eautrix Polyamine series can be used to mix with inorganic coagulants, like polyaluminium chloride or alum. For various applications, the dosage depends on turbidity and concentration of water to be treated.

Packing:

1100Kg IBC / 220Kg Drum / 25kg Drum

Handling and Storage:

Keep in cool, dry, ventilated and lightless place. Refer to Material Safety Data Sheet for more information.

Shelf life:

24 Months

Service Availability:

Formulating & Mixing / Private Labeling / Custom Packaging

Version: 2.1

Date: 2021.03.06

Updated since last version: Service Availability added

