

Eautrix Polyquat

Eautrix Polyquat is a water-soluble microbicide to control the microbiological growth in cooling tower water, and other industrial cooling water systems.

Chemical Name: Poly(oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride

Product ID: Watrech 6061

Synonyms: Polixetonium Chloride; Polyquayaternium42; Polyquat 60; Algaecide 60

CAS No.: 31512-74-0

EINECS No.: 608-627-7

Chemical Formula: $(C_{10}H_{24}N_2O.Cl_2)_n$

Specification:

Test Item	Standard
Appearance	Amber Liquid
Active Ingredient, %	58.0 - 61.0
pH (10% water solution)	6.0 - 8.0
Density (g/cm ³)	1.148 - 1.153
Viscosity (mPa·s)	150 - 250

Application:

As a liquid polymeric quaternary ammonium microbicide, Eautrix Polyquat could get rid of algae, bacteria and fungi in cooling water systems, like cooling towers and other commercial and industrial recirculating cooling water systems. It is 60% concentrate, which could be used directly. Meanwhile, it also could be diluted with water or formulated with other microbicides into lower concentrations before use.

Features and Benefits:

- Non-oxidizing algaecide
- Cationic water-soluble polymeric quaternary ammonium compound
- Non-foaming, no antifoam is required
- Less corrosion
- Effective at all pH levels
- High efficiency at low dosages
- Good stability
- Good compatibility with other commonly used bactericides
- Incompatible with anionic surfactants
- Economical product by reducing consumption of oxidizing products



Direction to use:

The water systems should be cleaned completely before using of Eautrix Polyquat. For recirculating systems, the initial dosage is advised to provide a concentration of 8–20 ppm of Eautrix Polyquat, and repeat it until control is evident. The maintenance dosage is a concentration of 2–20 ppm of Eautrix Polyquat, every 2–5 days or as required.

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

