Eautrix MWF Preservative

Eautrix MWF Preservative is a cationic polymer microbicide effective against a broad spectrum of microorganisms in metalworking fluid (MWF) systems. It is used to treat the problems, like the generation of foul odors, degradation of fluid components, and fouling of the system with the growth of biofilms. Eautrix MWF Preservative is an environment-friendly product, without those so-called toxicological concerns.

Chemical Name: Poly(oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride
Product ID: Watrech 6061
Synonyms: Polixetonium Chloride; Polyquayternium42; 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	Clear Pale Yellow Liquid
Active Ingredient, %	58.0 - 61.0
pH (10% water solution)	6.0 - 8.0
Density (g/cm3)	1.148 - 1.153

Application:
Eautrix MWF Preservative can be used to preserve both concentrated and diluted metal working fluids. The product can be formulated in the concentrated fluids, or added directly to the diluted fluids.

Features and Benefits:
- Broad-spectrum microbicide
- No foam
- Environment friendly without toxicological concerns
- Cationic polymer effective for ionic particles
- Effective over a wide pH range
- Good solubility for easy application

Direction to use:
The concentration of Eautrix MWF Preservative in concentrated metal working fluids should guarantee 100–1000 ppm once in the final diluted fluid. And, 300–500 ppm is advised concentration of Eautrix MWF Preservative in the diluted fluids. Eautrix MWF Preservative can also be used tank side at the range of 100–1000 ppm. Frequency of addition depends on the system conditions.

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