QualiChem Technologies
Water & Chemical Specialists

FORMULA 3450-F
STEAM CONDENSATE TREATMENT

DESCRIPTION

FORMULA 3450-F is a diethylaminoethanol (DEAE) neutralizing amine formulation selected for use in a wide range of boiler condensate systems. DEAE has a distribution ratio and basicity that makes it a good choice for a broad range of condensate system conditions.

FORMULA 3450-F is normally used in combination with other treatment chemicals to provide a complete program. FORMULA 3450-F is approved for use in FDA and USDA regulated facilities

FEATURES AND BENEFITS
- Improves boiler reliability and cleanliness
- Protects condensate piping from corrosion
- Use for a broad range of condensate conditions
- Approved for use in FDA and USDA applications

PRODUCT FEED AND CONTROL

FORMULA 3450-F is normally fed continuously to the system being treated. However, shot feeding may be satisfactory in some circumstances. The product may be fed neat but is most often mixed in a chemical feed tank with the other materials required to complete the program. Good quality condensate, softened water, or feedwater should be used. Tanks, pumps, piping and valves should be made of stainless steel or polyethylene.

FORMULA 3450-F is normally controlled by a pH test on the return condensate. For extensive distribution systems, samples should be taken from various points in the system at least until it can be assured the desired distribution of the amine is being achieved.

PHYSICAL PROPERTIES

Physical properties of FORMULA 3450-F are shown on the Material Safety Data Sheet (MSDS), a copy of which is available upon request.

STORAGE AND HANDLING

Keep in a tightly closed container. Store indoors. Recommended storage temperature is 50° F - 105° F (10° C - 40° C). Do not reuse container. Dispose of empty container in compliance with federal, state/provincial and local laws and regulations.

ENVIRONMENTAL, HEALTH, AND SAFETY

For detailed information, consult the material safety data sheet (MSDS).

PACKAGING

FORMULA 3450-F is available in a wide variety of customized containers and delivery methods.