



EFX-5000

Evaporator Deposit Cleaner

DESCRIPTION

EFX-5000 is designed to reduce inorganic deposition in ethanol plant evaporators, extending run time between cleanings and minimizing effort to remove scale deposits during cleanings. Clean heat transfer surfaces in evaporators leads to increased efficiency and potential cost savings. The resulting protected surfaces also add to the longevity of heat exchange systems.

BENEFITS

- More economical due to concentrated formulation
- Enhanced safety via less chemical handling
- Better efficiency by maintaining cleaner surfaces
- Prolong system life by reducing inorganic deposition
- Performs over a broad range of conditions

PRODUCT SPECIFICATIONS

Product State	Liquid
Appearance	Clear, Colorless
Solubility in Water	Complete
pH	4 - 5
Specific Gravity	1.14 ± 0.02
Refractive Index	24 ± 2

DIRECTIONS FOR USE

Use only as described by your Apex Water + Process Technical Service Representative. Target Feed rate for EFX-5000 is 20 ppm in the evaporator. Refer to your Apex Water + Process Representative for suitable materials of construction for feed equipment, handling, and storage of this product. EFX-5000 should be injected far enough ahead of the heat exchange equipment for complete mixing in the process stream. Improper handling of this product can result in injury. Observe all precautions shown on the product label and in the Safety Data Sheet.

FEEDING

The product may be added neat to systems via a metering pump or other means to keep the concentration at proper levels.

STORAGE

It is recommended to keep this product stored in a sealed container with an ambient temperature of 45-95°F. Storing in these conditions will result in a 1-yr shelf life.

SAFETY

Read and understand the SDS before use of this product. Wear all personal protective equipment (PPE) as described in the SDS before use. This product is inherently caustic and its use warrants protection of eyes and skin. Make sure the location of all eyewash stations is determined before use.

PACKAGING

- 5 gal Pail
- 15 gal Drum/SafeFeed™
- 30 gal Drum/SafeFeed™
- 55 gal Drum/SafeFeed™
- 275 gal Tote/SafeFeed™