



EFX-2540

Inorganic Deposit Cleaner

PRODUCT DATA SHEET

DESCRIPTION

EFX-2540 is an alkaline pH organic chelate designed for offline cleaning of inorganic deposits in ethanol plant evaporators, syrup lines, and fermenters. The resulting cleaned surfaces will display improved heat transfer and will limit biological growth. The components in EFX-2540 are considered GRAS (Generally Regarded as Safe) and approved as a minor ingredient in DDGs through ethanol process waters under FSMA guidelines.

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

PRODUCT SPECIFICATIONS

Product State	Liquid
Appearance	Clear, Colorless
Solubility in Water	Miscible
pH	11 – 12
Specific Gravity	1.29 ± 0.02
Refractive Index	49 ± 4

DIRECTIONS FOR USE

Use only as described by your Apex Water + Process Technical Service Representative. EFX-2540 was developed for offline cleaning applications, specifically in alkaline cleaning solutions. Though product feed rate can vary, it is typically added to a caustic-based cleaning solution at 1-10% to enhance the performance of the cleaning solution. After cleaning, the system may be rinsed prior to use.

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™