

# HYDREX™ 1445

Product Information - Technical Data Sheet

Boiler Water Treatment



## Description and use

HYDREX 1445 provides internal treatment program for boilers and condensate systems.

HYDREX 1445 is a powerful combination of polymeric dispersant with strong scale inhibitor and corrosion inhibitor for condensate system.

HYDREX 1445 is designed to be highly effective under a wide variety of operating conditions.

The combination of conditioning agents in HYDREX 1445 prevents deposition and maintains clean heat transfer surfaces in steam generating systems.

## Advantages

- Designed for soft water make up but can handle hardness intrusions
- Liquid product easy to feed
- Highly concentrated formulation
- Effective over a wide variety of operating conditions and water qualities
- FDA approved formulation

## Specification

- Physical form: Liquid
- Color: Brown
- Odor: Amine like
- pH product value: 13.3
- Specific gravity: 1.120 - 1.160
- Boiling Point (°C): 100

## Materials compatibility

Tanks recommended materials: 304SS, 316SS, PVDF, Crosslinked HDPE, Polypropylene, Lined Mild Steel

Tanks not recommended materials: Copper, Galvanized steel, Unlined Steel

Pump & piping recommended materials: 304SS, 316SS, Polyethylene HD, PVDF, PVC

Pump & piping not recommended materials: Unlined Steel, Galvanized steel, Copper

## Application information

HYDREX 1445 can be either fed neat (preferred) directly from the shipping container or diluted in a day tank. It should be fed directly into the boiler feed water tank or deaerator.

Dosage must be calculated based upon water characteristics and operating conditions.

Please contact your HYDREX representative for the proper dosage and control limits.

## Handling, storage and packaging

HYDREX 1445 can be either fed neat (preferred) directly from the shipping container or diluted in a day tank. Do not continuously mix this product or a dilution of the product. For best results, store product at temperature between 5 and 32° C. Protect from freezing. If product freezes, allow to warm in heated area and thaw thoroughly before using. If product spills clean it up as soon as possible; please refer to MSDS for information.

Shipping:

HYDREX 1445 is available in bulk, semi bulk and small containers. Details are available on request.

## Safety information

Detailed information on the product described in this leaflet can be found in our relevant health and safety information (Safety Data Sheet). Please contact your Veolia representative for further information.