

BOILER DESCALE 809



PRODUCT APPLICATION GUIDE

BOILER DESCALE 809 is a complete boiler water treatment formulation for control of scaling and sludging in steam boilers operating with hard water feed.

Organic and inorganic sludge conditioners in BOILER DESCALE 809 provide dispersant properties for prevention of deposition and plugging in boiler feedwater lines.

Alkalinity is maintained in the boiler water with BOILER DESCALE 809 to provide hardness conditioning. Synthetic polymers are provided to condition the precipitated hardness, maintaining it in a fluid state for easy removal during normal boiler blowdown.

BOILER DESCALE 809 is effective in a wide range of hard waters. Due to the highly alkaline formulation of BOILER DESCALE 809, low hardness makeup waters may create excessive boiler water alkalinity when treated with BOILER DESCALE 809.

In this case a more appropriate treatment for low hardness application such as M-902 or M-904 should be used.

BOILER DESCALE 809 provides an antifoam agent to aid in controlling boiler priming and carryover.

DOSAGE AND APPLICATION

- Dosage of BOILER DESCALE 809 should be made to maintain a minimum of 200 ppm OH residual in the boiler water. A dosage rate may be made initially at 1 quart BOILER DESCALE 809 per 15,000 Grains of Total Hardness then adjusted by test to achieve adequate alkalinity to control scaling and sludging.
- Application of the product should be made with an output adjustable, positive displacement chemical metering pump. The product may be diluted with soft water and may be fed to the feedwater tank, feedwater line, or directly to the boiler.

PHYSICAL CHARACTERISTICS

- Appearance: Brown Liquid
- Odor: Sour
- pH of 1% solution: >13
- Weight: 11 lbs. per gallon
- Packaging: 55 and 15 gallon drums
- Handling Precautions: Material is a highly alkaline corrosive material.

ChemREADY, a Division of Zinkan Enterprises, Inc.

1919 Case Parkway North, Twinsburg, OH 44087

P 800-229-6801 F 330-425-8202 W www.GetChemREADY.com