



MURRYSVILLE BUSINESS PARK • 101 TECHNOLOGY LANE • EXPORT, PA 15632 • (888) 247-2312 • FAX (724) 325-4522

TECHNICAL DATA SHEET

ADENA 9601

Product #AD9601

ADENA 9601 is a 30% active organophosphonate partially neutralized to a pH of 3.5 with a 75% potassium hydroxide salt solution of the HEDP organophosphonate molecule. This product can be used as a treatment in boilers or cooling towers or as a cleaning product to remove mineral scale or iron corrosion.

Product Description:

Physical State.....Liquid
Color.....Colorless to light yellow
Density.....10.73
pH.....3.5

Dosage:

For water treatment maintain the organophosphonate level between 10 to 60 ppm depending upon application requirements. As a cleaning agent the organophosphonate level typically runs between 100 to 5000 ppm or more, again depending upon application. At the lower concentrations the product acts as a crystal modifier to prevent scale formation. Typically, this chemical is used as a crystal modifier and anti-scaling agent at levels of 5 to 30 ppm in cooling tower water systems and steam boilers. At the cleaning dosages the product acts as a chelating agent chemically binding to and removing mineral scale and iron oxide deposits, maintain the organophosphonate level at 30 to 300 ppm (100 to 1000 ppm as product). Find on the reverse of this Data Sheet an outline of the proper procedure of the cleaning process.

For additional information on product application, contact your ADENA TECHNOLOGIES representative.

Handling:

ADENA 9601 is an acidic material. Do not take internally. Avoid contact with skin and eyes. Should contact occur, flush area immediately with water. If any discomfort persists, consult a physician. Read relevant Material Safety Data Sheet before handling this product.

Packaging:

ADENA 9601 is packaged in 55, 30, and 15-gallon non-returnable drums.


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WATER TREATMENT SERVICE