



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

TECHNICAL DATA SHEET

ADENA 5016

Product #AD5016

COOLING WATER TREATMENT

ADENA 5016 is a unique blend of scale and corrosion inhibitors for open recirculating systems.

Uses:

ADENA 5016 is used in cooling water systems where make-up water has both high hardness and alkalinity. Calcium hardness levels of 1,000-5,000 ppm with a pH of 9.0-10.0 can be maintained in the cooling water system with no loss in heat transfer efficiencies. This formula contains no chromate or other heavy metals. Corrosion studies on systems using ADENA 5016 have shown corrosion rates of less than 0.3 mils for copper and less than 3.0 mils for mild steel.

Product Description:

Physical State.....	Liquid
Color.....	Light yellow
Density.....	9.1 lbs./gallon
pH.....	11.8

Dosage:

Start Up: Add two quarts of ADENA 5016 per 1,000 gallons of water in the system.

Recirculating: Add one pint of ADENA 5016 per 1,000 gallons of make-up water. Adjust feed rate to maintain 400-600 ppm of product in the system.

On-Line Cleaning: Add 1 to 1 ½ quarts of ADENA 5016 per 1,000 gallons make-up water. Adjust feed rate to maintain 800-1200 ppm of product in the system. In all cases, maintain a minimum of 50 ppm ADENA 5016 in the system to insure corrosion protection. For additional information on product application, contact your Adena Technologies representative.

Treatment Feeding:

ADENA 5016 can be shot fed, however superior results can be achieved when added via a positive displacement chemical feed pump. For optimum results, the pump should be controlled by a contact water meter/impulse timer system.

Handling:

ADENA 5016 is a mildly alkaline material. Do not take internally. Avoid contact with skin and eyes. Should contact occur, flush immediately with water. If any discomfort persists, seek medical attention. Read relevant Material Safety Data Sheet before handling this product.

Authorization:

ADENA 5016 is authorized by the USDA for use in federally inspected plants.

Packaging:

ADENA 5016 is packaged in 55, 30 and 15-gallon non-returnable drums.

A Division of:  General Products & Supply Inc.

WATER TREATMENT SERVICE