



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

## **TECHNICAL DATA SHEET**

### **ADENA 4235**

#### **Product #AD4235**

#### **OXYGEN SCAVENGER**

ADENA 4235 is a volatile amine designed to protect steam and condensate return lines from oxygen attack and general corrosion.

#### **Uses:**

ADENA 4235 is used whenever steam and condensate return line corrosion is a problem or the conditions for corrosion are evident. ADENA 4235 is a metal passivator and oxygen scavenger, which prevents corrosion and oxygen pitting.

#### **Product Description:**

|                     |                   |
|---------------------|-------------------|
| Physical State..... | Liquid            |
| Color.....          | Pale straw yellow |
| Density.....        | 8.3 lbs./gallon   |
| pH.....             | 9.1               |
| Odor.....           | Ammoniacal        |

#### **Dosage:**

ADENA 4235 should be fed at 2-8 ounces per 1000 gallons of make up water. Maintain a pH of the condensate return between 7.5 and 8.5. In systems with high carbon dioxide (CO<sub>2</sub>) levels supplemented neutralizing amine additions maybe needed to maintain proper system pH between 7.5 and 8.5. For additional information on product application, contact your ADENA TECHNOLOGIES representative.

#### **Treatment Feeding:**

ADENA 4235 can be introduced into the same chemical feed tank as the other boiler water chemicals or can be fed separately into the steam header. Continuous feed with a positive displacement-proportioning pump is recommended. ADENA 4235 may also be fed into the steam distribution to prevent oxygen pitting in troubled areas.

#### **Handling:**

ADENA 4235 is a mildly alkaline material. Do not take internally. Avoid contact with skin and eyes. Should contact occur, flush immediately with water. Avoid excessive breathing of vapors. If any discomfort persists, seek medical attention. Read relevant Material Safety Data Sheet before handling this product.

#### **Packaging:**

ADENA 4235 is packaged in 55, 30, and 15-gallon non-returnable drums.

  
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WATER TREATMENT SERVICE