



**WET**USA Inc.

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## PRODUCT BULLETIN

# WET-1133

## BOILER TREATMENT

### DESCRIPTION

WET-1133 Condensate Treatment is an aqueous blend of neutralizing amine. The active ingredient in WET-1133 is Ammonium Hydroxide. This product is designed for applications where steam can come in contact with dairy products.

### BENEFITS

- Reduces corrosion in a condensate system by neutralizing carbonic acid
- Decreases insulating iron deposits on boiler tubes through lower condensate iron levels
- Special multi-component formulation protects initial, middle, and extended areas of the condensate system.
- Complies with FDA regulations where steam can come in contact with dairy products

### APPLICATIONS

WET-1133 is a condensate corrosion inhibitor designed for use in steam and condensate systems. It may be used at boiler operating pressures up to 2,400 psig and temperatures up to 850°F.

### DOSAGE

WET-1133 dosage varies according to percent make-up, carbon dioxide content of steam and desired condensate pH. Dosages should be adjusted to maintain a pH range of 8.2 - 9.2 in the condensate. The maximum dosage in plants subject to FDA regulations is not to exceed 45 ppm WET-1133 in the steam. In non-FDA applications where the steam will be used for humidification, the maximum dosage is not to exceed 50 ppm in the steam. For optimum protection of your system, see your WET representative for other recommendations.

### FEEDING

WET-1133 can be fed neat or in any convenient dilution. Demineralized water or cooled (<90°F) condensate should be used for product dilution. The preferred feed point is the main steam header, but product can be fed directly to the boiler or into the feedwater line. When feeding WET-1133 to the steam header, a stainless steel retractable atomizing injector should be used. Do not feed WET-1133 ahead of the deaerator, as this will result in significant product loss through the deaerator vent.

WET-1133 should be fed on a continuous basis to help assure program performance.

**Materials Compatibility** - Suitable materials of construction for chemical feed tank, feed lines, and pump include polyethylene, mild steel, and stainless steel. Nonferrous materials such as copper, aluminum, and zinc should be avoided.

### MATERIAL SAFETY DATA SHEET

For information concerning typical properties, health hazard, flammability, reactivity, handling & storage, please consult the MSDS.

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## PACKAGING

Available in 55, 30, 15, 5 gal drums, bulk shipments, and returnable 200 and 400 gallon tote containers.

## TECHNICAL ASSISTANCE

Our technical staff is available to assist in the application of WET's products. You may request assistance through your sales representative or by contacting WET, Inc. at (877) 938-4621.

## OTHER REMARKS

Improper application of this product will result in insufficient protection and/or potential damage to the system being treated. Please follow the recommendations of your WET representative.

The information and statements herein are believed to be reliable, but are not to be construed as warranty or representation for which we assume legal responsibility.

For **Medical and Transportation Emergencies** involving WET products call (24-hour response): **(800)535-5053**

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