

PRODUCT DATA SHEET

PRODUCT NAME: RTW-222**TYPE:** Neutralizing Amine for Condensate and Feed Water Corrosion Control

PRODUCT DESCRIPTION

RTW-222 is a concentrated, volatile, liquid alkaline neutralizing amine designed to prevent acid corrosion in condensate and boiler feed water systems. It effectively neutralizes carbonic acid formed from dissolved carbon dioxide (CO₂), maintaining an alkaline environment and protecting system components from acidic attack.

APPLICATION AREAS

- Steam condensate lines
- Boiler feed water systems
- Low, medium, and high-pressure boilers

KEY FEATURES & BENEFITS

- **Neutralizes Carbonic Acid:** Prevents corrosion caused by dissolved CO₂.
- **Volatile Formulation:** Travels with steam to protect the entire condensate system.
- **Maintains Alkalinity:** Keeps pH in the optimal range (8.3–9.0).
- **System Protection:** Extends equipment life by reducing acid-related damage.
- **Liquid Concentrate:** Easy to dose and control.

DIRECTIONS FOR USE

RTW-222 is typically dosed into the system to maintain the condensate pH between **8.3 and 9.0**. Regular monitoring and adjustment ensure optimal corrosion protection.

Typical Dosage

For a system with a capacity of 10 metric tons:

- **Dose:** 0.5–1.0 liters per day (adjust based on condensate pH testing).

Dosage Adjustment Guide

Condensate pH	Action
< 8.3	Increase dosage by 25% for 72 hours, then retest
8.3 – 9.0	Maintain current dosage
> 9.0	Decrease dosage by 25% for 72 hours, then retest

Note: Always follow specific instructions from boiler manufacturers or operating procedures.

STORAGE & SAFETY

Store in a cool, dry place. Avoid direct sunlight. Use appropriate personal protective equipment. Avoid contact with eyes and skin. In case of contact, rinse immediately with plenty of water.

PACKAGING

Polyethylene drums of 25 or 220 liters, containers of 1000 liters.