

VANCHEM™ NATD

Corrosion inhibitor

TECHNICAL DATA

VANCHEM™ NATD is a water solution with 30% active ingredient of disodium 2,5-dimercaptothiadiazole which functions as a corrosion inhibitor and metal deactivator for nonferrous metals in aqueous systems.

CHEMICAL COMPOSITION

Disodium 2,5-dimercaptothiadiazole in water

TYPICAL PROPERTIES

Physical State	Clear Liquid free of solids
Appearance	Amber
Density at 25°C, Mg/m ³	1.22
Assay, %	30.0

*The analytical data listed above are not specifications

APPLICATIONS

- Coolant
- Water-based fluids, including metal-working fluids

RECOMMENDED TREAT RATES

- Recommended treat rates are 0.1 to 0.25%

ADVANTAGES

- Works as an effective corrosion inhibitor and metal deactivator for non-ferrous metals in aqueous-based systems
- Protects solder, aluminum, copper and copper alloys
- Demonstrates better stability and activity at lower pH values than inhibitors containing only a single thiol (S-H) group (like dimercaptothiadiazoles)

SOLUBILITY

- Soluble in water

STANDARD PACKAGING

- 45 lbs. pails
- 550 lbs. plastic drums
- 3300 lbs. Totes
- Bulk shipments available



HANDLING AND STORAGE

Please refer to Section 7 of SDS for handling and storage information.

Additional handling and storage information:

If stored at less than 40°F mix or stir before using

Long Term Maximum Storage Temperature is Room Temperature

REGISTRATION

Please refer to section 15 of SDS for regulatory information.

CONTACT INFORMATION

For samples, product information and/or technical service please contact Vanderbilt Minerals, LLC or the Vanderbilt representative in your area:

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