

# VANCHEM<sup>™</sup> NATD

#### 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 <sup>3</sup>	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

## Corrosion inhibitor

### · 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:

#### Vanderbilt Minerals, LLC

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