



# CUVAN<sup>®</sup> 484

**Copper corrosion inhibitor and metal deactivator with antiwear/antiscuff properties**

## TECHNICAL DATA

**CUVAN<sup>®</sup> 484** is an ashless, oil-soluble copper corrosion inhibitor for lubricating oils, greases and metal working fluids with anti-wear properties.

## CHEMICAL COMPOSITION

2,5-dimercapto-1,3,4-thiadiazole derivative

## TYPICAL PROPERTIES

Physical State	Liquid
Appearance	Amber
Density @ 15.6°C, Mg/m <sup>3</sup>	1.07
Flash Point (PMCC), °C	76
Viscosity @ 100°C	11

\*The analytical data listed above are not specifications

## APPLICATIONS

- Industrial Oils
- Gear Oils
- Automotive Oils
- Greases
- Metal working Fluids

## RECOMMENDED TREAT RATES

- Recommended treat rates are 0.01 to 0.50%

## ADVANTAGES

- Offers effective corrosion protection of non-ferrous metals at very low treat rates
- Protects copper and copper alloys from aggressive (active) sulfur at temperatures below 121°C
- Imparts supplemental antiwear and extreme pressure properties (FZG and Timken) to finished lubricants, especially at higher treat rate
- Provides extra margin of protection against copper corrosion in ASTM D130 and ASTM D4048
- Contributes to improved antioxidant performance

## SOLUBILITY

- Soluble in both mineral and synthetic oils

## STANDARD PACKAGING

- 500 lbs. Metal Drums
- Bulk shipments available

## HANDLING AND STORAGE

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

### **Additional handling and storage information:**

Long Term Maximum Storage Temperature is Room Temperature

Short Term Maximum Storage Temperature is Room Temperature

Unloading Maximum Pumping Temperature is 50°C

## REGISTRATION

Please refer to section 15 of SDS for regulatory information.

## CONTACT INFORMATION

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

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