

## PG 505

### Propylene Glycol, Inhibited Concentrate for use in Copper & Copper Alloy Systems

#### DESCRIPTION & BENEFITS

PG 505 is a buffered and inhibited propylene glycol concentrate used to control corrosion in copper and copper alloy systems. The highly effective, all-organic corrosion inhibitor package used in this product will ensure very low corrosion rates and consequently minimize the build-up of corrosion products over time. The buffering system employed for PG 505 provides a pH in the alkaline range of 8.5 to 9.5 when mixed with water. Not recommended for multi-metal systems containing steel or aluminum.

#### BENEFITS

- Concentrated and Inhibited Industrial Grade
- Contains no heavy metals, nitrites or silicates
- Compatible with all glycol solutions
- Excellent corrosion inhibition for copper and copper alloys
- Will not cause staining

#### APPLICATION

PG 505 is supplied as a concentrate and then diluted with water with a total hardness level of < 150 mg/L (as CaCO<sub>3</sub>), to produce the required concentration of propylene glycol for the system. The product concentration required is determined by conditions unique to the application using this material. Consult with Vedra Industries Technical Support for specific instructions, fluid maintenance and control procedures.

#### PACKAGING & DELIVERY

PG 505 is available in 20 Liter pails, 205 Liter drums, liquid totes and bulk. The product containers should be kept tightly closed. Protect from freezing.

#### PRODUCT CHARACTERISTICS

Refer to the Material Safety Data Sheet for detailed product specifications and physical properties.

#### PRODUCT SAFETY

PG 505 should be handled with appropriate care. All plant personnel who may have contact with PG 504 should review the Material Safety Data Sheet to familiarize themselves with the application, handling, storage and disposal procedures before using this product.

*Technical Bulletin No.: PGO5053700. CAN.* Recommendations given in this bulletin are based on tests believed to be reliable. However, the use of the product is beyond the control of Vedra Industries, and no guarantees, expressed or implied, are made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from misuse of the product as such, or in combination with other material. This bulletin is not to be taken as a license to operate under or recommendation to infringe any patent.