

C802

Dispersant for Closed Loop Systems

APPLICATION

C802 is an organic dispersant for use in closed loop systems. The product is designed to maintain clean surfaces in heat transfer equipment and aid in the cleaning of fouled systems. C802 is especially effective in preventing deposits that result from the production of bacterial biofilms. C802 functions by helping disperse the extracellular material and deposits produced by microorganisms. Consistent use of this product will help maintain deposit and corrosion free surfaces.

In addition to reduced organic plugging and fouling, consistent use of C802 will help reduce deposits and associated corrosion. The reduction of scale and corrosion results from the cleaning action of C802. Deposits resulting from biofilms will create localized corrosion cells that are not readily accessible to corrosion inhibitors. These deposits will also provide nucleation and crystal growth sites at heat transfer surfaces that will greatly increase the potential for the formation of mineral scales such as calcium carbonate.

BENEFITS

- Safe, easy-to-use liquid
- Removes oil, grease and dirt
- Removes deposits produced by microorganisms
- Contains no phosphate
- Low environmental impact

DOSAGE and Cleaning Procedure:

The amount of C802 required will depend on the severity of deposition and fouling. For maintenance of clean surfaces in previously cleaned systems, C802 should be slug fed at a rate of 40 - 250 mg/L. For cleaning fouled systems, C802 should be applied at a rate of 250 - 400 mg/L. In addition to feeding C802, a microbicide should be fed to kill any bacteria in the system. Heavily fouled systems may tend to slough large amounts of deposited material. Therefore, adequate precautions should be taken to prevent plugging of screens, small lines, and heat exchangers. While C802 will aid in cleaning up fouled systems, C802 may cause some foaming when fed at dosages in excess of 150 mg/L. At low use levels, the product will generate a small amount of unstable foam that is generally not troublesome.

PACKAGING & DELIVERY

C802 is available in 20 Liter pails, 205 Liter drums, totes and bulk. The product containers should be kept tightly closed. Protect from freezing.

PRODUCT SPECIFICATIONS

Refer to the MSDS for detailed Product Specifications.

Technical Bulletin No.: C8023700 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.