



## Technical Bulletin

**Product :****Type AL 17**

- Product Function :** A nitrite free totally organic approach to corrosion prevention in closed heating and chilled water systems containing aluminium. The treated system pH will be unchanged at normal dose levels.
- Description :** A combination of organic corrosion inhibitors and polymer dispersants in alkaline solution.
- Physical Properties :** S.G. : 1.08 - 1.09  
Colour : Blue  
Phosphonate Product Factor : 20 (10% system sample dilution)
- How it Works :** Certain types of inhibitor chemicals are recognised as giving rise to ecological, toxicological or microbiological problems. AL17 does not contain nitrite, phosphate or heavy metals and will not elevate the system pH. AL17 is compatible with BCB98, BCB95 and BCB96 biocides.
- How to Use :** A dose of AL17 will establish a passive film over metal surfaces. A polymer dispersant and scale inhibitor are incorporated to assist where hard water feed is employed.
- Dose Rates :** Maintenance Dose : 1.0→2.0% of system capacity to be added after leaks or drain down  
  
Monitor dissolved metals and pseudomonas levels within the system.  
  
A dose of 1% will achieve a sulphite reserve of 50ppm, which should be used only for the initial dose.  
  
Ongoing monitoring will require phosphonate analysis.
- Safety & Handling :** AL17 is classified as irritant.  
Normal safety precautions should include gloves and goggles.  
Wash splashes with copious amounts of water.
- Packaging :** 20lt. or 200lt. non-returnable poly drums.
- Update :** February 2009

The above information is issued as a guide only. Further technical information is made available with the product or on request