

CIMCOOL®

METALWORKING FLUIDS

CIMGUARD R510

CORROSION INHIBITOR

<p>APPLICATIONS</p>	<p>CIMGUARD R510 is a corrosion inhibitor designed for use as an additive to cooling water used in the hot testing of automotive and diesel engines. This product is intended for use at a concentration of 2.5% to 3.5% by volume.</p>
<p>FEATURES & BENEFITS</p>	<p>CIMGUARD R510 provides protection against the corrosion of cast iron, aluminum and other non-ferrous metals, as indicated by laboratory tests and field experience. Rust protection on cast iron has been demonstrated using sections of machined gray iron engine cylinder walls, and aluminum protection on sections of aluminum blocks and heads.</p> <p>After the completion of hot testing some cooling water may remain in the engine. Materials remaining, either as liquid or dried residues must be compatible with the antifreeze coolant later used in the engine. Dried residues from CIMGUARD R510 have demonstrated this compatibility.</p> <p>Solutions of CIMGUARD R510 reject oil. Oils can enter and contaminate hot test coolants from a variety of sources and can be present in inadequately cleaned engines. CIMGUARD R510 solutions will neither emulsify nor solubilize motor and honing oils, and field samples from heavily contaminated systems have been shown to contain less than 10 ppm oil.</p> <p>CIMGUARD R510 solutions have demonstrated a low susceptibility to biological degradation. There has been no demonstrated need for the treatment or recirculating of CIMGUARD R510 systems with biocides. In soak testing, CIMGUARD R510 solutions have shown no effect on a variety of plastic and rubber gaskets and seals.</p> <p>CIMGUARD R510 is non-caustic, non-corrosive, contains no nitrites or chromates and presents no difficulties in waste treatment. This product is virtually odorless and, with an operating pH of 9.5.</p>
<p>TYPICAL PHYSICAL AND CHEMICAL PROPERTIES</p>	<p>Appearance: Clear liquid Odor: Mild Specific Gravity: 1.10 Density: 9.17 pH, concentrate: 10.3 pH, use dilution: 9.5 Use Dilution: 2.5%-3.5% by volume Packaging: Available in 5 gal. pails, 55 gal. drums and bulk containers</p>
<p><small>CIMCLEAN® is a Registered Trademark of Milacron, Inc. CIMCLEAN Products are cleaning compounds for industrial use. Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet. Add no other substances to the concentrate or mix unless approved by CIMCOOL® Technical Services. For additional information concerning CIMCLEAN® R510 refer to its OSHA MSDS or contact CIMCOOL® Technical Services at 1-513-841-8133</small></p> <p>FS: 10/01/99:R510 Milacron Marketing Company • Cincinnati, Ohio 45209</p>	