

# CIMCOOL<sup>®</sup>

## METALWORKING FLUIDS

### INHIBITOR 56

#### METALWORKING FLUID ADDITIVE

<b>DESCRIPTION</b>	<b>INHIBITOR 56</b> is a metalworking fluid additive, which can be used, in central systems or individual machines to provide improved ferrous corrosion control. Can be used in any CIMCOOL <sup>®</sup> fluid. Possible side effects are increased alkalinity and pH.
<b>WHEN TO USE</b>	Add <b>INHIBITOR 56</b> to CIMCOOL <sup>®</sup> metalworking fluid mixes as recommended by CIMCOOL <sup>®</sup> Technical Services.
<b>HOW TO USE</b>	Pour <b>INHIBITOR 56</b> directly into the "clean" side of a central filtration system where contamination is lowest and will be less likely to reduce its effectiveness. For individual machines, add directly to the sump (machine reservoir).

<b>RECOMMENDED STARTING DILUTIONS</b>	<p><b>FOR INDUSTRIAL USE ONLY</b> Use dilution is 1:500 (0.2%) and 1:200 (0.5%).</p> <p><b>INHIBITOR 56</b> is to be added to CIMCOOL® metalworking fluid mixes as described above.</p>
<b>TYPICAL PHYSICAL AND CHEMICAL PROPERTIES</b>	<p><b>Physical state:</b> Liquid  <b>Appearance and odor:</b> Clear, chemical  <b>Colors available:</b> undyed  <b>Solubility in water:</b> 100% Miscible  <b>Weight, lb/gal, 60°F (15.6°C):</b> 8.97  <b>Specific gravity, (H<sub>2</sub>O = 1):</b> 1.075  <b>Boiling point, °F (°C):</b> 212 (100.0)  <b>Flash point, COC, °F (°C):</b> none, self extinguishing  <b>Fire point, COC, °F (°C):</b> NA  <b>Extinguishing media:</b> NA  <b>Unusual fire &amp; explosion hazards:</b> None  <b>Freezing point (or pour point), °F, (°C):</b> 33 (0.6)          If frozen, product separates. Thaw completely at room temperature and stir thoroughly.  <b>pH, concentrate:</b> 10.8  <b>pH, 0.5% mix, typical operating conditions:</b> 9.2  <b>Total chlorine/chloride, wt%, calculated:</b> 0.00/&lt; 50 ppm  <b>Total sulfur, wt%, calculated:</b> 0.00  <b>Silicones:</b> None</p>
<b>PACKAGING</b>	Available in 5-gallon pails and 55-gallon drums.
<p>For additional information concerning INHIBITOR 56, refer to its OSHA MSDS or contact CIMCOOL® Technical Services at 1-513-458-8199.</p> <p>Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet.          Consumable Products Division/ Milacron Marketing Company          Cincinnati, Ohio 45209</p> <p>PC-9907 1/15/02</p>	