

CIMCOOL[®]

METALWORKING FLUIDS

INHIBITOR 50

METALWORKING FLUID ADDITIVE

DESCRIPTION	INHIBITOR 50 is a non-nitrite, non-borate corrosion inhibitor that can be used in central systems or individual machines to improve ferrous corrosion control in metalworking fluid mixes. INHIBITOR 50 can be used in any CIMCOOL [®] fluid. Possible side effects are increased alkalinity and pH.
WHEN TO USE	Add to cutting or grinding fluid mixes as directed by CIMCOOL Technical Services. Use when improved ferrous corrosion control is needed.
HOW TO USE	Pour INHIBITOR 50 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).

RECOMMENDED STARTING DILUTIONS	<p>FOR INDUSTRIAL USE ONLY Use dilution is 1:500 (0.2%) and 1:300 (0.33%).</p> <p>INHIBITOR 50 is to be added to CIMCOOL® metalworking fluid mixes as described above.</p>
TYPICAL PHYSICAL AND CHEMICAL PROPERTIES	<p>Physical state: Liquid Appearance and odor: Clear, chemical Colors available: Undyed Solubility in water: 100% Miscible Weight, lb/gal, 60°F (15.6°C): 8.83 Specific gravity, (H₂O = 1): 1.058 Boiling point, °F (°C): 212 (100.0) Flash point, COC, °F (°C): none, self extinguishing Fire point, COC, °F (°C): NA Extinguishing media: NA Unusual fire & explosion hazards: None Freezing point (or pour point), °F, (°C): < -40 (< -40) If frozen, product separates. Thaw completely at room temperature and stir thoroughly. pH, concentrate: 11.0 pH, mix, typical operating conditions: NA Total chlorine/chloride, wt%, calculated: 0.00/< 50 ppm Total sulfur, wt%, calculated: 0.00 Silicones: None</p>
PACKAGING	Available in 5-gallon pails and 55-gallon drums.
<p>For additional information concerning INHIBITOR 50, 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-925 1/15/02</p>	