

CIMCOOL®

METALWORKING FLUIDS

Additive MC

METALWORKING FLUID ADDITIVE

DESCRIPTION	<p>Additive MC is a non-phenolic bactericide, designed to prevent rancid odors in central filtration systems or individual machines.</p>
WHEN TO USE	<p>Add Additive MC to CIMCOOL® metalworking fluid mixes as recommended by CIMCOOL® Technical Services.</p> <p>Use when:</p> <ul style="list-style-type: none">▪ Rancid odors are detected▪ Microbial counts are excessive as determined by laboratory testing▪ A preventive maintenance program is needed to insure long useful life of the fluid <p>Note: The CIMCOOL® laboratory can monitor the quantity of MC in a used mix by the "M Time" test. The "M Time" should be 90 seconds or less.</p>
HOW TO USE	<ul style="list-style-type: none">▪ If the used mix pH has dropped below 8.8, first raise the pH to 8.8 or higher before adding Additive MC.▪ The amount of Additive MC added, will depend upon the severity of the problem. Excessive bacterial growth may require an initial addition of Additive MC exceeding the recommended dilution range. The same is true of a mix contaminated by excessive oil and chips, which rapidly deplete Additive MC.▪ When used in a preventive maintenance program, add Additive MC once a week at dilutions of 1:2,000 (0.05%) to 1:1,000 (0.1%).▪ Total additions per week should not exceed 1:750 (0.133%).

RECOMMENDED STARTING DILUTIONS	FOR INDUSTRIAL USE ONLY Use between 1:2,000 (0.05%) and 1:1,000 (0.1%) as an additive.
TYPICAL PHYSICAL AND CHEMICAL PROPERTIES	Physical state: Liquid Appearance and odor: Clear, chemical Colors available: Undyed Solubility in water: 100% Miscible Weight, lb/gal, 60°F (15.6°C): 8.97 Specific gravity, (H₂O = 1): 1.075 Boiling point, °F (°C): 212 (100) 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): 33 (1) If frozen, product separates. Thaw completely at room temperature and stir thoroughly. pH, concentrate: 10.8 pH, 0.1% mix, typical operating conditions: 9.6 Total chlorine/chloride, wt%, calculated: 0.00/< 50 ppm Total sulfur, wt%, calculated: 0.00 Silicones: None
PACKAGING	Available in 5-gallon pails and 55-gallon drums.
For additional information concerning Additive MC, refer to its OSHA MSDS or contact CIMCOOL® Technical Services at 1-513-458-8199.	
<p style="text-align: center;">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>	
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