

CIMCOOL®

METALWORKING FLUIDS

INHIBITOR 42

METALWORKING FLUID ADDITIVE

DESCRIPTION	INHIBITOR 42 is an additive used to increase ferrous corrosion control. INHIBITOR 42 can be added to any water-based metalworking fluid mix.
WHEN TO USE	In most cases, proper concentration and routine makeup will provide the necessary long-term corrosion protection. However, as metalworking fluid systems age, especially central systems, there may be a need to use an additive, such as INHIBITOR 42 to boost corrosion protection. This can be used to counteract the build up of corrosive ions such as chlorides and sulfates.
HOW TO USE	Follow the recommended dilution range (see below). Do not add excessive amounts of INHIBITOR 42 since it will reduce product mildness (increases fluid alkalinity) and may increase residue formation (tackiness). The CIMCOOL® Lab can monitor the quantity of INHIBITOR 42 in a metalworking fluid mix, as needed.

<p>RECOMMENDED STARTING DILUTIONS</p>	<p>FOR INDUSTRIAL USE ONLY Recommended Starting Dilution: 0.1% (1:1,000) Typical Operating Range: 0.1% (1:1,000) to 0.7% (1:150) For concentrations outside this range contact CIMCOOL® Technical Service at 513-458-8199.</p> <p>INHIBITOR 42 is to be added to CIMCOOL® metalworking fluid mixes as described above.</p>
<p>TYPICAL PHYSICAL AND CHEMICAL PROPERTIES</p>	<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): 9.61 Specific gravity, (H₂O = 1): 1.151 Boiling point, °F (°C): 210 (99) Flash point, COC, °F (°C): None, Self Extinguishing Fire point, COC, °F (°C): NA Freezing point, °F, (°C): 32 (0) If frozen, thaw completely at room temperature. pH, concentrate: 10.7 Total chlorine/chloride, wt%, calculated: 0.00/< 50 ppm Total sulfur, wt%, calculated: 0.00 Silicones: None</p>
<p>PACKAGING</p>	<p>Available in 5-gallon pails and 55-gallon drums.</p>
<p>For additional information concerning INHIBITOR 42, refer to its OSHA MSDS or contact CIMCOOL® Technical Services at 1-513-458-8199. Reprints/Updates of this Product Information Flyer (PIF) can be found on our web site, WWW.CIMCOOL.COM or from your Milacron representative.</p> <p>LIMITATION OF LIABILITY: Under no circumstances shall we or any affiliate of ours have any liability whatsoever for loss of use or for any indirect or consequential damages. Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet.</p> <p>Milacron Marketing Company LLC Cincinnati, Ohio 45209</p> <p>PC-10114 5/21/2010</p>	

