

CIMCOOL[®]

METALWORKING FLUIDS

Cleaning Agent 4 METALWORKING FLUID ADDITIVE

DESCRIPTION	<p>Cleaning Agent 4, when added to metalworking fluid mixes provides excellent cleaning and grit settling action. Removes graphite and oily deposits from machines. Reduces grit circulation.</p>
WHEN TO USE	<p>Add to CIMCOOL[®] water-based cutting, grinding or drawing fluid mixes under the direction of CIMCOOL[®] Technical Services.</p>
HOW TO USE	<p>Pour Cleaning Agent 4 directly on into the “Clean” side of a central filtration system where contamination is lowest for maximum effectiveness.</p>

RECOMMENDED STARTING DILUTIONS	<p>FOR INDUSTRIAL USE ONLY Use between 1:4,000 (0.025%) and 1:2,000 (0.05%) as an additive.</p> <p>Cleaning Agent 4 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): 8.39 Specific gravity, (H₂O = 1): 1.005 Boiling point, °F (°C): NA Flash point, COC, °F (°C): > 300 (> 149) Fire point, COC, °F (°C): > 300 (> 149) Extinguishing media: Chemical foam, carbon dioxide, dry chemical Unusual fire & explosion hazards: None Freezing point (or pour point), °F, (°C): NA If frozen, product separates. Thaw completely at room temperature and stir thoroughly. pH, concentrate: Not Applicable pH, 1.0% mix, typical operating conditions: 6.5 Total chlorine/chloride, wt%, calculated: 0.00/0.00 Total sulfur, wt%, calculated: 0.00 Silicones: None</p>
PACKAGING	Available in 5-gallon pails and 55-gallon drums.
<p>For additional information concerning Cleaning Agent 4, 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>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-9871 8/4/04</p>	

