

CIMCOOL[®]

METALWORKING FLUIDS

FILTER AID 1

METALWORKING FLUID ADDITIVE

DESCRIPTION	<p>FILTER AID 1 is a nonionic wetting agent for use in CIMCOOL[®] metalworking fluids to help restore a thick porous cake in positive filtration units (cloth, screen or paper media). It is most effective in Henry-Wedgewire filters. Filter Aid 1 is also used to agglomerate chips in settling systems and to emulsify tramp oil.</p> <ul style="list-style-type: none">• Promotes filter cake formation• Reduces filter media usage• Assists removal of recirculating fines
WHEN TO USE	<p>Add to CIMCOOL[®] metalworking fluid mixes as directed by CIMCOOL[®] Technical Services. Use when the level of recirculating fines becomes too high as determined by laboratory testing. Use when difficulty in obtaining a sufficient cake is indicated by high filter media usage or when rapid indexing occurs.</p> <p>NOTE: Such problems may also indicate filter system malfunction.</p>
HOW TO USE	<p>Pour FILTER AID 1 into troughs where agitation aids dispersion in the central filtration system.</p>

RECOMMENDED STARTING DILUTIONS	<p>FOR INDUSTRIAL USE ONLY Use dilution is 1:5,000 (0.02%) and 1:1,000 (0.1%).</p> <p>FILTER AID 1 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: Hazy, chemical Colors available: Undyed Solubility in water: < 0.1% Weight, lb/gal, 60°F (15.6°C): 8.56 Specific gravity, (H₂O = 1): 1.026 Boiling point, °F (°C): > 410 (> 210) Flash point, COC, °F (°C): 410 (210) Fire point, COC, °F (°C): NA Extinguishing media: Carbon dioxide, water fog, 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: NA pH, 0.1% mix, typical operating conditions: 6.0 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 FILTER AID 1, 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-9953 7/16/04</p>	

