

CIMCOOL[®]

METALWORKING FLUIDS

CLARIFYING AGENT 1

METALWORKING FLUID ADDITIVE

DESCRIPTION	CLARIFYING AGENT 1 is a metalworking fluid additive which can be used in central systems to rapidly separate cast iron, steel, and graphite fines from synthetic metalworking fluid mixes.
WHEN TO USE	Use when the level of recirculating fines becomes too high as determined by laboratory testing. Add to synthetic metalworking fluid mixes as directed by CIMCOOL [®] Technical Services. Do not add to semisynthetic (CIMSTAR [®]) or soluble oil (CIMPERIAL [®]) metalworking fluid mixes.
HOW TO USE	Pour CLARIFYING AGENT 1 directly into the "flume" of a central filtration system. For individual machines, add directly to the sump (machine reservoir) at the point of highest agitation.

RECOMMENDED STARTING DILUTIONS	<p>FOR INDUSTRIAL USE ONLY Use dilution is 1:10,000 (0.01%) and 1:1,000 (0.1%).</p> <p>CLARIFYING AGENT 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: Clear, chemical Colors available: Undyed Solubility in water: 100% Miscible Weight, lb/gal, 60°F (15.6°C): 8.82 Specific gravity, (H₂O = 1): 1.150 Boiling point, °F (°C): NA Flash point, COC, °F (°C): > 200 (> 93) Fire point, COC, °F (°C): NA Extinguishing media: NA Unusual fire & explosion hazards: None Freezing point (or pour point), °F, (°C): NA Protect from freezing. pH, concentrate: 5 - 7 Total chlorine/chloride, wt%, calculated: None Silicones: None</p>
PACKAGING	Available in 5-gallon pails and 55-gallon drums.
<p>For additional information concerning CLARIFYING AGENT 1, 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-9912 1/22/02</p>	