

CIMCOOL[®]

METALWORKING FLUIDS

WATER CONDITIONER V METALWORKING FLUID ADDITIVE

DESCRIPTION	<p>WATER CONDITIONER V is a metalworking fluid additive, which can be added to the mix water in central systems and individual machines to soften the water.</p>
WHEN TO USE	<p>Use with semisynthetic and soluble oil products as directed by CIMCOOL[®] Technical Services to resolve hard water problems in emulsion products. (Note: A water analysis is necessary to determine the proper amount of Water Conditioner V; excessive amounts may lead to rust, and/or foam problems.)</p>
HOW TO USE	<p>If hard water is known to be a problem, mix Water Conditioner V with water <u>before the metalworking fluid concentrate is added</u> to prevent mix stability problems. Water Conditioner V can also be used to re-stabilize used mixes.</p> <p>Pour WATER CONDITIONER V directly into the "clean" side of the central filtration system where contamination is lowest and will be least likely to reduce its effectiveness. For individual machines, add directly to the sump (machine reservoir).</p>

RECOMMENDED STARTING DILUTIONS	<p>FOR INDUSTRIAL USE ONLY Use dilution is 1:2,000 (0.05%) and 1:1,000 (0.1%).</p> <p>WATER CONDITIONER V 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): 10.93 Specific gravity, (H₂O = 1): 1.310 Boiling point, °F (°C): 223 (106.1) 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): -20 (-28.9) If frozen, thaw completely at room temperature. pH, concentrate: 13.4 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 WATER CONDITIONER V, 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>	
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