

# CIMCOOL<sup>®</sup>

## METALWORKING FLUIDS

### CLEANING AGENT 2

#### METALWORKING FLUID ADDITIVE

<b>DESCRIPTION</b>	<b>CLEANING AGENT 2</b> is a metalworking fluid additive, which can be added to central systems or individual machines to increase washing action and improve machine tool cleanliness.
<b>WHEN TO USE</b>	Use when graphite fines and oily residue build up on the machine tool. <b>CLEANING AGENT 2</b> can also help to prevent "loading" of the grinding wheels and "chip packing".
<b>HOW TO USE</b>	Pour <b>CLEANING AGENT 2</b> 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).

<b>RECOMMENDED STARTING DILUTIONS</b>	<p><b>FOR INDUSTRIAL USE ONLY</b>  <b>Use dilution is 1:10,000 (0.01%) and 1:1,000 (0.1%).</b></p> <p><b>CLEANING AGENT 2</b> is to be added to CIMCOOL<sup>®</sup> metalworking fluid mixes as described above.</p>
<b>TYPICAL PHYSICAL AND CHEMICAL PROPERTIES</b>	<p><b>Physical state:</b> Liquid  <b>Appearance and odor:</b> Clear, slight chemical  <b>Colors available:</b> Undyed  <b>Solubility in water:</b> 100% Miscible  <b>Weight, lb/gal, 60°F (15.6°C):</b> 8.82  <b>Specific gravity, (H<sub>2</sub>O = 1):</b> 1.057  <b>Boiling point, °F (°C):</b> NA  <b>Flash point, COC, °F (°C):</b> 477 (247.2)  <b>Fire point, COC, °F (°C):</b> 540 (282.2)  <b>Extinguishing media:</b> Chemical foam, carbon dioxide, water fog, dry chemical  <b>Unusual fire &amp; explosion hazards:</b> None  <b>Freezing point (or pour point), °F, (°C):</b> 39 (3.9)          If frozen, product separates. Thaw completely at room temperature and stir thoroughly.  <b>pH, concentrate:</b> NA  <b>pH, 1.0% mix, typical operating conditions:</b> 6.9  <b>Total chlorine/chloride, wt%, calculated:</b> 0.00/0.00  <b>Total sulfur, wt%, calculated:</b> 0.00  <b>Silicones:</b> None</p>
<b>PACKAGING</b>	<b>Available in 5-gallon pails and 55-gallon drums.</b>
<p>For additional information concerning CLEANING AGENT 2, refer to its OSHA MSDS or contact CIMCOOL<sup>®</sup> 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-873 1/22/02</p>	