

# CIMCOOL®

## METALWORKING FLUIDS

### CIMTECH® GL 2015

#### LOW-FOAMING SYNTHETIC, GLASS GRINDING FLUID

<b>APPLICATIONS</b>	<p><b>CIMTECH® GL 2015</b> glass grinding fluid is a low foaming, rapid settling, synthetic.</p> <p><b>CIMTECH® GL 2015</b> is especially well suited for glass grinding applications where a low foaming product is critical. It is also excellent for applications where glass fine solidification on machine surfaces and in machine tanks is a problem.</p> <p><b>Material:</b> Glass</p> <p><b>Duty Range:</b> For light to moderate-duty operations</p>
<b>FEATURES &amp; BENEFITS</b>	<p><b>CIMTECH® GL 2015</b> has a specially formulated lubricant that not only provides lubrication to increase diamond wheel life in the grinding operation, but also facilitates rapid glass fine settling to improve filtration.</p> <p><b>PREVENTS SOLIDIFICATION OF GLASS FINES</b> - Glass fines settle quickly and form a soft slurry, thus facilitating easier cleanout of the grinder tanks. This minimizes downtime, increases product output and lowers manufacturing costs. This characteristic also helps prevent glass fine packing and build-up on machine surfaces, rollers and parts handling equipment.</p> <p><b>LOW FOAMING PROPERTIES</b> - This product is designed to be low foaming in small and undersized machine sumps where fluid agitation is often high. It is well suited for edge grinding equipment that supplies coolant via a vacuum system.</p> <p><b>EXCELLENT SETTLING PROPERTIES</b> - Even the smallest glass fines settle rapidly preventing recirculation to the grinding area.</p> <p><b>SUPERIOR COOLING PROPERTIES</b> - Dissipates heat generated during grinding and prevents burning.</p> <p><b>EXCEPTIONALLY GOOD BACTERIA AND MOLD CONTROL</b> - No offensive odors caused by excessive bacteria - Long fluid life, minimizes concentrate usage and downtime</p>

<p><b>RECOMMENDED STARTING DILUTIONS</b></p>	<p><b>FOR INDUSTRIAL USE ONLY</b>  <b>Use at:</b>  <b>2.0% (1:50) for Edge Grinding, Beveling and Surface Grinding;</b>  <b>5.0% (1:20) for Lens Generating and Lens Polishing</b>  <b>For concentrations outside this range contact CIMCOOL® Technical Service at 513-458-8199.</b></p> <p><b>CIMTECH® GL 2015</b> is to be mixed with water for use (add concentrate to water).</p> <p>Add no other substances to the concentrate or mix unless approved by CIMCOOL® Technical Services.</p> <p><b>For concentration analysis, use</b> the Total Alkalinity Titration Procedure, BCG Titration Procedure, CIMCHEK™ Test Strip, or Refractometer.</p>
<p><b>TYPICAL PHYSICAL AND CHEMICAL PROPERTIES</b></p>	<p><b>Physical state:</b> Liquid  <b>Appearance and odor:</b> Clear, chemical  <b>Colors available:</b> Undyed, Pink  <b>Solubility in water:</b> 100% Miscible  <b>Weight, lb/gal, 60°F (15.6°C):</b> 9.15  <b>Specific gravity, (H<sub>2</sub>O = 1):</b> 1.096  <b>Boiling point, °F (°C):</b> 212 (100)  <b>Flash point, COC, °F (°C):</b> None, self extinguishing  <b>Fire point, COC, °F (°C):</b> NA  <b>Freezing point (or pour point), °F, (°C):</b> 16 (-9)          If frozen, thaw completely at room temperature.  <b>pH, concentrate:</b> 10.1  <b>pH, 2.0% mix, typical operating conditions:</b> 8.8  <b>Total chlorine/chloride, wt%, calculated:</b> 0.00/0.04  <b>Total sulfur, wt%, calculated:</b> 0.00  <b>Silicones:</b> None</p>
<p><b>PACKAGING</b></p>	<p><b>Available in 5-gallon pails, 55-gallon drums, and bulk containers.</b></p>
<p><b>REFRACTOMETER FACTOR = 2.3</b> Multiply the scale reading obtained on your CIMCOOL® Metalworking Fluid or other acceptable refractometer by the <b>Refractometer Factor</b> to obtain the mix concentration in percent.</p> <p><b>NOTE: Calibrate the refractometer so that it reads 0.0 with water, before testing the sample mix. Remove gross contaminants from the sample mix before testing.</b></p>	
<p>For additional information concerning CIMTECH® GL 2015, 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, <a href="http://WWW.CIMCOOL.COM">WWW.CIMCOOL.COM</a> 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-2009 3/28/05</p>	

