

# CIMCOOL<sup>®</sup>

## METALWORKING FLUIDS

### ANTIFOAM

#### METALWORKING FLUID ADDITIVE

<b>DESCRIPTION</b>	<b>ANTIFOAM</b> is a nonionic, silicone-containing water-based emulsion, which can be used to temporarily control excessive foam.
<b>WHEN TO USE</b>	Add <b>ANTIFOAM</b> to CIMCOOL <sup>®</sup> metalworking fluid mixes as recommended by CIMCOOL <sup>®</sup> Technical Services. Use in the mix when foam is a problem.  A typical use would be to temporarily control foam in a new charge (fresh mix). Typically as metalworking fluid mixes age they become less foamy.
<b>HOW TO USE</b>	Follow the recommended dilution range (see below). Shake or stir prior to using.  <b>ANTIFOAM</b> can be used with soluble oil, semisynthetic, or synthetic mixes. Overuse, however, can create additional foam.  Pour <b>ANTIFOAM</b> directly into the "clean" side of a central filtration system where contamination is the lowest to maximize effectiveness.

<b>RECOMMENDED STARTING DILUTIONS</b>	<p><b>FOR INDUSTRIAL USE ONLY</b>  Use dilution is 1:50,000 (0.002%) as an additive (One ounce per 400 gallons of mix) or a range from 1:100,000 (0.001%) to 1:25,000 (0.004%).</p> <p><b>ANTIFOAM</b> is to be added to CIMCOOL® 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> Opaque, chemical  <b>Colors available:</b> Undyed  <b>Solubility in water:</b> Less than 0.1%  <b>Weight, lb/gal, 60°F (15.6°C):</b> 8.34  <b>Specific gravity, (H<sub>2</sub>O = 1):</b> 0.999  <b>Boiling point, °F (°C):</b> NA  <b>Flash point, COC, °F (°C):</b> &gt; 300 (&gt; 149)  <b>Fire point, COC, °F (°C):</b> NA  <b>Extinguishing media:</b> Carbon dioxide, water fog, dry chemical  <b>Unusual fire &amp; explosion hazards:</b> None  <b>Freezing point (or pour point), °F, (°C):</b> 32 (0)  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> 7.5  <b>Total chlorine/chloride, wt%, calculated:</b> 0.00/&lt; 50 ppm  <b>Total sulfur, wt%, calculated:</b> 0.00  <b>Silicones:</b> Yes</p>
<b>PACKAGING</b>	<b>Available in 5-gallon pails and 55-gallon drums.</b>
<p>For additional information concerning ANTIFOAM, 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>Date 9/4/01</p>	