



CUSTOMER-FOCUSED METALWORKING FLUID SOLUTIONS

OAKSPEC[®] DAF-1 METALWORKING FLUID ADDITIVE

APPLICATIONS	<p>OAKSPEC DAF-1 is an aliphatic, non-silicone defoamer, which can be used to temporarily control excessive foam.</p>
WHEN TO USE	<p>Add OAKSPEC DAF-1 to Oak Signature metalworking fluid mixes as recommended by Technical Services. Use in the mix when foam is a problem.</p> <p>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.</p>
HOW TO USE	<p>Follow the recommended dilution range (see below). Shake or stir prior to using.</p> <p>OAKSPEC DAF-1 can be used with soluble oil, semisynthetic, or synthetic mixes. Overuse, however, can create additional foam.</p> <p>Pour OAKSPEC DAF-1 directly into the “clean” side of a central filtration system where contamination is the lowest to maximize effectiveness.</p>

RECOMMENDED STARTING DILUTIONS	<p>FOR INDUSTRIAL USE ONLY Use dilution is 1:25,000 (0.004%) as an additive (One ounce per 200 gallons of mix) or a range from 1:50,000 (0.002%) to 1:5,000 (0.02%).</p> <p>OAKSPEC DAF-1 is to be added to Oak Signature metalworking fluid mixes as described above.</p>
TYPICAL PHYSICAL AND CHEMICAL PROPERTIES	<p>Physical state: Liquid Appearance and odor: Opaque, chemical Colors available: Undyed Solubility in water: Insoluble Weight, lb/gal, 60°F (15.6°C): 7.3 Specific gravity, (H₂O = 1): 0.877 Boiling point, °F (°C): NA Flash point, COC, °F (°C): > 250 (> 121) Fire point, COC, °F (°C): NA Extinguishing media: Chemical foam, carbon dioxide Unusual fire & explosion hazards: None Freezing point (or pour point), °F, (°C): 14 (-10) If frozen, product separates. Thaw completely at room temperature and stir thoroughly. pH, concentrate: NA pH, NA mix, typical operating conditions: NA Total chlorine/chloride, wt%, calculated: 0.00/< 50 ppm Total sulfur, wt%, calculated: 0.00 Silicones: None</p>
PACKAGING	Available in 5-gallon pails and 55-gallon drums.
<p>For additional information concerning OAKSPEC DAF-1, refer to its OSHA MSDS or contact Technical Services at 1-513-458-8199. Reprints/Updates of this Product Information Flyer (PIF) can be found on our web site, WWW.OAKINTERNATIONAL.COM or from your OAK INTERNATIONAL 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>	
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