



CUSTOMER-FOCUSED METALWORKING FLUID SOLUTIONS

OAKWASH[®] DMA 2300 METALWORKING, CLEANER CONCENTRATE

<p>APPLICATIONS</p>	<p>OAKWASH DMA 2300 is a cleaning fluid and corrosion inhibitor designed for use in high-pressure production spray washers. It is intended for use in the removal of coolants, machining fluids and honing oils from machined metal surfaces.</p> <p>OAKWASH DMA 2300 combines good detergency with built-in corrosion protection for ferrous and non-ferrous metals making it an excellent choice for both single stage and multiple stage cleaning systems. Extremely effective in the prevention of corrosion and staining on aluminum. Aluminum parts left in contact with OAKWASH DMA 2300 at ambient temperature will not darken. Especially well suited for use in washing aluminum engine blocks and heads and aluminum transmission parts and cases. OAKWASH DMA 2300 also prevents the corrosion of brass and bronze, both on parts and in washer components while leaving a soft evaporation residue.</p>
<p>FEATURES & BENEFITS</p>	<ul style="list-style-type: none"> • NON-FOAMING CLEANER WITH HIGH DETERGENCY AND GOOD METAL-WETTING PROPERTIES • "SPLITS OUT" OILS AND OTHER SOILS FOR MAXIMUM TANK LIFE AND FACILITATES DISPOSAL PROCEDURES • PROVIDES SHORT-TERM INDOOR CORROSION PROTECTION WHEN <u>NOT</u> RINSED OFF • INHIBITS REDEPOSITION OF SOIL ON PARTS AFTER CLEANING • VERSATILE - Spray or immersion (hard or soft water) • LOW TEMPERATURE FORMULATION (65-165°F) • READILY WASTE TREATABLE • DOES NOT CONTAIN SILICATES, PHOSPHATES, CHELATES, NITRATES, OR SOLVENTS. • DEPENDING ON PAINT FORMULATION, METAL CAN BE PAINTED WITHOUT PRIOR RINSING

RECOMMENDED STARTING DILUTIONS	<p>FOR INDUSTRIAL USE ONLY.</p> <p>Spray Washers: 2%-3% (1:50 - 1:33), 140-165°F</p> <p>Immersion Washers: 2%-9% (1:50 - 1:11), 65-165°F</p> <p>Ultrasonic and Vibratory systems: 2%-9% (1:50 1:11), 65-165°F</p> <p>OAKWASH DMA 2300 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 your OAK SIGNATURE® Representative. Not recommended for use with magnesium or alloyed magnesium.</p>
TYPICAL PHYSICAL AND CHEMICAL PROPERTIES	<p>Physical state: Liquid</p> <p>Appearance and odor: Clear, mild</p> <p>Color available: Yellow</p> <p>Solubility in water: 100% miscible</p> <p>Weight, lb/gal, 60°F (15.6°C): 9.3</p> <p>Specific gravity, (H₂O = 1): 1.12</p> <p>Boiling point, °F (°C): 212 (100)</p> <p>Flash point, COC, °F (°C): NA</p> <p>Fire point, COC, °F (°C): NA</p> <p>Extinguishing media: NA</p> <p>Unusual fire & explosion hazards: None</p> <p>Freezing point (or pour point), °F, (°C): < 32 (<0) If frozen, product may separate. Thaw completely at room temperature and stir thoroughly.</p> <p>pH, concentrate: 10.8</p> <p>pH, 2.5% mix, typical operating conditions: 9.5</p>
PACKAGING	Available in 5-gallon pails, 55-gallon drums, and bulk containers.
<p>For additional information concerning OAKWASH DMA 2300, 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> <p>04/10/07</p>	

