CUSTOMER-FOCUSED METALWORKING FLUID SOLUTIONS

OAKWASH® DSC 2010

CENTRAL FILTRATION SYSTEM AND MACHINE CLEANER

APPLICATIONS		**OAKWASH DSC 2010** is recommended for cleaning individual machine and central system reservoirs, metalworking fluid lines, premix tanks, machines and parts. It improves rancidity control by removing bio-films, dirt, grit, chip-deposits, insoluble soaps and oils from central systems in hard water areas. Does not redeposit soil in machines or central systems – (the breeding ground for bacteria). Contains corrosion inhibiting ingredients to protect machines and parts (cast iron and steel) from rusting during cleaning. **OAKWASH DSC 2010** can also be used for general-purpose floor cleaning. Use at 1:100 (1%) to 1:25 (4%). Can be used in power washers, steam cleaners and automated floor scrubbers. **OAKWASH DSC 2010 is highly alkaline.** Avoid contact of the mix or concentrate with the eyes or skin. In case of contact, flush immediately with running water for 15 minutes. Call a physician.
COMPETITIVE ADVANTAGES		**OAKWASH DSC 2010** can be used in three ways, all of which are effective. - <u>As a cleaner</u>: Drain used metalworking fluid and charge system with 2% **OAKWASH DSC 2010** (mix one part **OAKWASH DSC 2010** with 50 parts water). -- Fill reservoir as full as possible so the mixture contacts all surfaces. -- Circulate for at least 2-4 hours through all lines and machine tools (does not cause rust), drain, rinse and recharge with a fresh OAK SIGNATURE product. - <u>With used fluid during shutdown</u>: After production ceases, add one gallon of **OAKWASH DSC 2010** concentrate to each 50 gallons of dirty fluid (2%) in the machine reservoir or central system. Circulate the mixture for 4 hours or longer through all lines and machine tools. Drain, rinse and recharge with a fresh OAK SIGNATURE product. - <u>With used fluid during production</u>: Not recommended for individual machines unless carefully supervised. During production add one gallon of **OAKWASH DSC 2010** to each 100 gallons of dirty fluid (1%) in the machine reservoir or central system. Circulate the mixture for 4-8 hours through all lines and machine tools. Drain, rinse and recharge with a fresh OAK SIGNATURE product. -

RECOMMENDED STARTING DILUTIONS		**FOR INDUSTRIAL USE ONLY** **Recommended Starting Dilution: 2.5% (1:40)** **Typical Operating Range: 2% (1:50) to 4% (1:25)** **For concentrations outside this range contact Technical Service at 513-458-8199.** **OAKWASH DSC 2010** is to be mixed with water for use (add concentrate to water). Use only ferrous or plastic valve fittings on drums for dispensing concentrate. Add no other substances to the concentrate or mix unless approved by Technical Services. **For concentration analysis** use a refractometer or Alkalinity Titration.
TYPICAL PHYSICAL AND CHEMICAL PROPERTIES		**Physical state:** Liquid **Appearance and odor:** Clear, chemical **Color available:** pink **Solubility in water:** 100% miscible **Weight, lb/gal, 60°F (15.6°C):** 9.19 **Specific gravity, (H_2O = 1):** 1.09 **Boiling point, °F (°C):** >212 (100) **Flash point, COC,°F (°C):** None, self extinguishing **Fire point, COC, °F (°C):** NA **Extinguishing media:** NA **Unusual fire & explosion hazards:** None **Freezing point (or pour point), °F, (°C):** 6 (-14) If frozen, product separates. Thaw completely at room temperature and stir thoroughly. **pH, concentrate:** 11.8 **pH, *2.0%* mix, typical operating conditions:** 11.0 **Total chlorine, wt%, calculated:** 0.00 **Total sulfur, wt%, calculated:** 0.00 **Silicones:** None NOTE: Product concentrate is highly alkaline.
PACKAGING		**Available in 5-gallon pails, 55-gallon drums, and bulk containers.**

REFRACTOMETER FACTOR = 3.6 Multiply the scale reading obtained on your Refractometer by the **Refractometer Factor** to obtain the mix concentration in percent.

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.

For additional information concerning OAKWASH DSC 2010, 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.

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