



YOUR METALWORKING FLUID SOLUTIONS FOR SOLUTIONS

OAKWASH[®] DSC AL

CENTRAL FILTRATION SYSTEM AND MACHINE CLEANER

<p>APPLICATIONS</p>	<p>OAKWASH[®] DSC AL is recommended for cleaning individual machine and central system reservoirs, metalworking fluid lines, premix tanks, machines and parts.</p> <p>Material: Ferrous or non-ferrous</p> <p>Note: OAKWASH[®] DSC AL is highly alkaline. Avoid contact of the mix or concentrate with eyes or skin. In case of contact, flush immediately with running water for 15 minutes. Call a physician.</p>
<p>FEATURES & BENEFITS</p>	<ul style="list-style-type: none"> • Improves rancidity control by removing dirt, grit, insoluble soaps and oils- the breeding ground for bacteria. • Removes insoluble soaps from dirty central systems in hard water areas. Does not redeposit soil. • Thoroughly removes chip deposits and tramp oil from central systems and machines. • Contains corrosion inhibiting ingredients to protect machines and parts, both ferrous and non-ferrous during cleaning. • Can also be used at 4%-5% for aluminum quenching
<p>METHOD OF APPLICATION</p>	<p>OAKWASH[®] DSC AL can be used in three ways, all of which are effective.</p> <ol style="list-style-type: none"> 1. <u>As a cleaner:</u> Drain used metalworking fluid and charge system with 2% OAKWASH[®] DSC AL (one part concentrate 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. 2. <u>With used fluid during shutdown:</u> After production ceases, add one gallon of OAKWASH[®] DSC AL 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. 3. <u>With used fluid during production:</u> Not recommended for individual machines unless carefully supervised. During production add one gallon of OAKWASH[®] DSC AL 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
Use at 2%-4% (1:50 to 1:25) for cleaning

OAKWASH® DSC AL is to be mixed with water for use (add concentrate to water). Add no other substances to the concentrate or mix unless approved by Oak Signature Technical Services.

For concentration analysis, use the Total Alkalinity Titration Procedure, BCG Titration Procedure, CIMCHEK™ Test Strip, or Refractometer.

**TYPICAL
PHYSICAL AND
CHEMICAL
PROPERTIES**

Physical state: Liquid
Appearance and odor: Clear / Chemical
Colors available: Undyed
Solubility in water: 100% Miscible
Weight, lb/gal, 60°F (15.6°C): 8.6
Specific gravity, (H₂O = 1): 1.03
Boiling point, °F (°C): 212 (100.0)
Flash point, COC, °F (°C): None, Self extinguishing
Fire point, COC, °F (°C): NA
Freezing point (or pour point), °F, (°C): 19 (-7)
If frozen, thaw completely at room temperature.
pH, concentrate: 11.6
pH, 2.0% mix, typical operating conditions: 10.5
Total chlorine/chloride, wt%, calculated: 0.00/<50 ppm
Total sulfur, wt%, calculated: 0.03
Silicone: None

NOTE: Product concentrate is highly alkaline.

PACKAGING

Available in 5-gallon pails, 55-gallon drums, and bulk containers.

REFRACTOMETER FACTOR: 3.7

Multiply the scale reading obtained on your OAK SIGNATURE® Refractometer by this factor to obtain the mix concentration in percent. Calibrate the refractometer so that it reads 0.0 with water before testing the sample mix. Remove gross contaminants from the sample mixes before testing. A refractometer is only recommended for use in checking the concentration on a fresh charge.

SAFETY DATA SHEET

Available at www.cimcool.com

For additional information refer to its OSHA MSDS, website or contact your local OAK SIGNATURE SPECIALIST OR DISTRICT MANAGER, or you may contact OAK SIGNATURE® Technical Services at 1-513-458-8199

Limitation of Liability: Under no circumstances, shall we or any affiliate of ours have any liability whatsoever for loss of use, or for any indirect or consequential damages. Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet.

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