

# Dascool® 2003

## Biostatic micro-emulsion metalworking coolant

### DESCRIPTION

**Dascool 2003** biostatic coolant is a unique combination of lubricity additives, rust preventive chemicals, wetting agents and boundary lubricants resulting in a truly biostatic metalworking coolant.

Biostatic fluids provide only minimal nutrient sources for microbial growth. The result is greatly extended sump life with virtual elimination of biocides and other tankside additives.

**Dascool 2003** contains exceptional lubricity properties making it an ideal choice for use with steel, stainless and aluminum alloys in operations of moderate to high severity.

Dilution ratios of **Dascool 2003** will vary depending on the severity of the operation involved. A guideline for concentrations is 5% through 10% for machining with 6% being an excellent, average starting point. For grinding, a range of 4% through 6% is usual with 5% normally used as an initial charge. Optimal bioresistance and longevity are attained when the product is charged into a clean machine and the concentration maintained at 5% minimum.

### FEATURES / BENEFITS

- Clean annealing
- Optimum lubricity
- Highly fluid.
- Inhibited against stain, corrosion, and oxidation.

The concentration of **Dascool 2003** can easily be determined by using a refractometer.

### DATA (TYPICAL VALUES)

Density	8.4 lbs/gal
pH @ 5%	9.3
Dye	Blue
Residual Film	Non-tacky
Refractometer Factor	1.8

### HEALTH AND SAFETY

Refer to SDS for proper handling and disposal. Please note that the SDS includes handling, health and disposal information which should be passed on to your employees, and to anyone else who comes in contact with our product. Additional advice can also be obtained from your local Houghton representative.

NOTE: Read and understand all precautions on container labels before using this product.

HL 14.01 US



Houghton International Inc.  
 Madison and Van Buren Aves.  
 P. O. Box 930  
 Valley Forge, PA 19482-0930

Phone: 610-666-4000  
 Fax: 610-666-0174  
 info@houghtonintl.com  
 www.houghtonintl.com

This document contains information based on data that is believed to be correct. However, the product may not be applicable to all uses and operating environments. No warranty or guarantee is expressed or implied.

