



Product Information Flyer

DESCRIPTION

MILFORM 675 is a soluble oil metalforming fluid for moderate to heavy duty.

APPLICATION

MILFORM 675 is formulated for heavy duty metalforming on aluminum. It can also be used for moderate duty metalforming on copper, stainless steel, and cold rolled steel. It is not recommended for magnesium or alloyed magnesium.

FEATURES & BENEFITS

VERSATILITY:

MILFORM 675 provides excellent lubricity, aluminum corrosion control, and wetting properties. It is mild to the skin, and free from silicone, chlorine, sulfur, and phosphorus.

RECOMMENDED STARTING DILUTIONS

The proper concentration of MILFORM 675 will vary dependent upon the type of metal, gauge of metal, process involved and method of lubricant application. MILFORM 675 is to be mixed with water for use. Always add concentrate to water. Fluid may be more difficult to mix when water temperature is below 55°F. Add no other materials to the concentrate or mix unless approved by your CIMCOOL® District Manager.

Forming Applications: Typical Range is 10% (1:10) to 30% (1:3.3)

CONCENTRATION

The Refractometer Factor is TBD

Multiply the scale reading obtained on your CIMCOOL® 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.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Solubility in water: 100%

Viscosity SUS @ 100 F:

pH Concentrate: NA

Total Chlorine/Chlorides, wt%: 0.0/<50 ppm

Silicones: None

Appearance and Odor: Clear/Chemical

Weight, lb/gal, 60°F (15.6 °C): 7.93

Flash Point /Sp.Gr./Boiling Point: SEE MSDS

pH Mix 15%, Typical Operating: 7.8

Total Sulfur, wt%: 0.00

HANDLING AND STORAGE

If frozen, product separates. Thaw completely at room temperature and stir thoroughly prior to use. Inside storage is recommended.

SAFETY DATA SHEET

Available at www.cimcool.com

For additional information refer to its OSHA MSDS, website or contact your local CIMCOOL TECHNICAL SPECIALIST OR DISTRICT MANAGER, or you may contact CIMCOOL® 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.