



# Product Information Flyer

### DESCRIPTION

MILFORM<sup>®</sup> 6700 is a moderate to heavy duty chlorine-free synthetic metalforming fluid recommended for stamping and drawing applications.

### APPLICATION

MILFORM<sup>®</sup> 6700 can be used on stainless steels, carbon steels, and most galvanized steels. It is also safe for use on most non-ferrous metals. Not recommended for use with magnesium.

### FEATURES & BENEFITS

#### LUBRICITY:

MILFORM<sup>®</sup> 6700 has a unique lubricant package designed to replace chlorinated lubricants. Contains no sulfur or phosphorus.

#### NON-STAINING:

MILFORM<sup>®</sup> 6700 has excellent residue characteristics easily washed off.

#### CORROSION PROTECTION:

MILFORM 6700 provides excellent corrosion protection on stamping presses and will also provide part protection for in-process storage. Higher concentrations will provide longer indoor protection under optimal storage conditions.

### RECOMMENDED STARTING DILUTIONS

MILFORM® 6700 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 (13°C). Add no other materials to the concentrate or mix unless approved by your CIMCOOL® Territory Manager.

Roll Forming Applications

Typical Range is 10% (1:10) to 40% (1:2.5)

Stamping & Drawing Applications

Typical Range is 10% (1:10) to 40% (1:2.5)

### TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Appearance and Odor: Clear/Chemical

Solubility in water: 100% Miscible

Weight, lb/gal, 60°F (15.6 °C): 8.45

Viscosity (SUS) @ 100°F (38°C): 630

Flash Point /Sp.Gr./Boiling Point: see SDS

pH Concentrate: 8.7

pH Mix 10%, Typical Operating: 8.6

Total Chlorine, wt%: 0

Total Sulfur, wt%: 0

Refractometer Factor: 1.5

### HANDLING and STORAGE

If frozen, thaw completely at room temperature. Inside storage is recommended.

### SAFETY DATA SHEET

Available at [www.cimcool.ca](http://www.cimcool.ca)

For additional information refer to its WHMIS MSDS, website or contact CIMCOOL® Technical Services at 1-513-458-8199 in Ohio or 1-888-254-1919 in Canada.

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