

MILFORM[®]

METALFORMING FLUIDS

MILFORM[®] 7AL

APPLICATIONS	MILFORM[®] 7AL is a straight oil designed for drawing and stamping ferrous and non-ferrous metals.
FEATURES & BENEFITS	<ul style="list-style-type: none">• Provides excellent lubricity on aluminum deep drawing applications• Superior tool and die life• Excellent wetting on metal surfaces• Non-staining on non-ferrous materials• Mild, Non-Irritating• Good corrosion protection on ferrous and non-ferrous metals

MILFORM[®] 7AL

PART 2

RECOMMENDED STARTING DILUTIONS

FOR INDUSTRIAL USE ONLY.

Use at 100% (neat).

MILFORM[®] 7AL is not to be mixed with water. Add no other substances to the concentrate unless approved by CIMCOOL[®] Technical Services (513-458-8199)

Not recommended for use with magnesium or alloyed magnesium.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Appearance and odor: Clear / Chemical

Colors available: Undyed

Solubility in water: Insoluble

Weight, lb/gal, 60°F (15.6°C): 8.0

Specific gravity, (H₂O = 1): 0.96

Viscosity (SUS) @ 100° F, Typical: 673

Boiling point, °F (°C): NA

Flash point, COC, °F (°C): 410 (210)

Fire point, COC, °F (°C): 450 (232)

Freezing point, °F (°C): NA

If frozen, thaw completely at room temperature.

pH, concentrate: NA

Total chlorine/chloride wt%, calculated: 14.17 / < 50 ppm

Total sulfur, wt%, calculated: 0.08

Silicones: None

PACKAGING

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

For additional information concerning MILFORM[®] 7AL, refer to its OSHA MSDS or contact CIMCOOL[®] Technical Services at 1-513-458-8199. Reprints/Updates of this Product Information Flyer (PIF) can be found on our web site, WWW.CIMCOOL.COM or from your Milacron representative.

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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