



Product Information Flyer

APPLICATION

CIMPULSE 51MP is a multi-purpose, heavy-duty fluid for machining and grinding. It offers high performance without the use of traditional extreme pressure lubricants and is recommended for turning, drilling, milling, reaming, boring, tapping, broaching, sawing and grinding for most metals other than magnesium alloys or cast aluminum.

FEATURES & BENEFITS

- For all metals and all operations (see above)
- For use in a wide range of water qualities
- Excellent foam control in soft water and high pressure applications
- Does not contain DCHA or Triazine
- Machines stay clean and parts are easy to wash

RECOMMENDED STARTING DILUTIONS:

CIMPULSE 51MP is to be mixed with water for use. Always add concentrate to water. Fluid may be more difficult to mix when water temperature is cold. Add no materials to the concentrate or mix unless approved by CIMCOOL®.

Machining and Grinding: 5% to 15% (1:19 to 1:6)

CONCENTRATION:

The Refractometer Factor is 1.0

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Liquid	Appearance and Odor: Cloudy/Chemical
Solubility in water: 100% miscible	Weight, lb./gal, 60°F (15.6°C): 8.2
Viscosity (SUS) @ 100°F (37.8°C): 700	Flash Point: SEE MSDS
pH Concentrate: 10.1	pH Mix 5%, Typical: 9.0
Sulfur, wt%: <0.02	Chlorine/Chloride, wt%: 0.0/<50ppm
Siloxanes: Yes (Paintable)	

HANDLING and STORAGE:

If frozen, thaw completely at room temperature. 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.

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