



Product Information Flyer

APPLICATION

CIMPULSE 51MP is an oil containing, 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
- For use in a wide range of water qualities
- Excellent foam control in soft water and high pressure applications
- Chlorine-free
- Does not contain DCHA or Triazine

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 Odour: 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.ca

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

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