CIMCOOL®
FLUID TECHNOLOGY

CIMPULSE™ 49MP
High Performance Metalworking Fluid

Product Information Flyer

APPLICATION
CIMPULSE 49MP is an oil containing, multi-purpose, moderate to 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, and grinding of most metals. Not recommended for magnesium alloys.

FEATURES & BENEFITS
- For most metals and most operations
- For use in a wide range of water qualities
- Excellent foam control and sump life
- Chlorine-free
- Does not contain DCHA
- Product leaves a light, easy to remove residue

RECOMMENDED STARTING DILUTIONS:
CIMPULSE 49MP 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 1.5

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): 8.5
Viscosity (SUS) @ 100°F (37.8°C): 500	Flash Point: SEE MSDS
pH Concentrate: 9.9	pH Mix 5%, Typical: 8.8
Sulfur, wt%: <0.3	Chlorine/Chloride, wt%: 0.0/<100ppm
Siloxanes: Yes	

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 SDS, website or contact CIMCOOL® Technical Services at 1-513-458-8199 or 1-888-CIMCOOL.

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