



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 all metals and all 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 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:

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|---------------------------------------|---------------------------------------|
| Physical State: Liquid | Appearance and Odour: 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: No | |

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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