



Product Information Flyer

APPLICATION

CIMPULSE 45MP is an oil containing multi-purpose, moderate-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 (see above)
- For use in a wide range of water qualities
- Excellent foam control
- Does not contain DCHA
- Machines stay clean and parts are easy to wash
- Product leaves a light residue

RECOMMENDED STARTING DILUTIONS:

CIMPULSE 45MP 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 2.2

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): 200 | Flash Point: SEE MSDS |
| pH Concentrate: 9.6 | pH Mix 5%, Typical: 8.8 |
| Sulfur, wt%: <0.3 | Chlorine/Chloride, wt%: 0.0/<70ppm |
| Siloxanes: No | |

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.

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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