



## DAPHNE MAGPLUS MP Series

~Non-chlorine Metal Working Fluid~

### 1. APPLICATIONS

Daphne Magplus MP Series are designed for cutting process such as Lathe turning and Drilling of carbon steel, cast metal and non-ferrous metal parts.

### 2. CHARACTERISTICS

- Daphne Magplus MP Series produce low amounts of mist due to its special additive.
- Daphne Magplus MP Series are formulated with alternative additives to eliminate chlorine type additives. So, do not generate toxic substances when they are burned.
- Daphne Magplus MP Series contain unique non-chlorine EP additives such as active sulfur, stress releasers, friction modifier and lubricity improvers to reduce the shearing stress between cutting tool and work piece.

### 3. TYPICAL SPECIFICATIONS

		Analysis value		
		MP5	MP10	MP15
Density	g/cm <sup>3</sup> @15°C	0.8648	0.8308	0.8411
Color	ASTM D-1500	L0.5	L0.5	L1.5
Flash Point	°C(C.O.C)	138	166	168
Viscosity	mm <sup>2</sup> /s@40°C	4.685	10.07	14.57
Copper Corrosion	100°C×1H	1(1B)	1(1B)	1(1B)
Sulfur content	wt%	0.14	0.17	0.23

### 4. PACKAGE STYLE

200L drums, 20L pails

- Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provide in the Safety Data Sheet (SDS) are followed.
- SDS's are available upon request through your sales contract office, or via the internet.  
<https://www.idss.co.jp/business/lube/>
- Due to continual product research and development, the information contained here in is subject to change without notification.

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