Tapmatic® #1 Gold
Cutting Fluid

FEATURES

- Does not contain water, solvents, or inactive fillers
- Reduces cutting torque and improves cutting efficiency
- Does not contain chlorinated solvents or chlorinated paraffins
- Requires less product usage than traditional cutting fluids
- Increases tool life and improves surface finish
- Great for all metals including aluminum
- Excellent for tapping applications

APPLICATIONS

- Boring
- Broaching
- Drawing
- Drilling
- Engraving
- Reaming
- Threading
- Turning
- Sawing
- Facing
- Milling

PROPERTIES

Appearance / Physical State	Aerosol: Gas, Bulk: Liquid
Color	Gold
Odor	Slight petroleum odor
Melting / Freezing Point	Not established
Boiling Point / Range	465.8°F (241°C)
Flash Point	300.2°F (149.0°C) Cleveland Open Cup
Evaporation Rate	< 0.1 BuAc
Flammability	Aerosol: Flammable aerosol, Bulk: Not available
Vapor Pressure	< 0.05 mm Hg @ 20°C
Vapor density	> 1 (air = 1)
Water Solubility	Not soluble.
Partition Coefficient	< 1
Auto-Ignition Temperature	Not established
Viscosity	< 20 mm2/s
Percent volatile	0%
Specific Gravity	0.88 - 0.9 @20°C
VOC Content	0 % per US State & Federal Consumer Product Regulations
Propellant	Aerosol: Carbon Dioxide, Bulk: N/A
Temperature Range	Not available

DIRECTIONS

Apply a few drops of fluid just prior to contact. DO NOT USE IN MIST OR RECIRCULATING SYSTEMS.

HANDLING

Aerosol: Pressurized container: Do not pierce or burn, even after use. Do not spray on a naked flame or any other incandescent material. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling.
Bulk: Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling.

STORAGE

Aerosol: Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Bulk: Store locked up. Store in original tightly closed container. Store away from incompatible materials.

DISPOSAL

Aerosol: Consult authorities before disposal. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.
Bulk: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

AVAILABLE PRODUCTS

Part No.		Net Contents	Container Type	Units/Case	Approximate Case Weight
US	Canada				
40312	C40312	11 wt oz / 312 g / 344 mL	aerosol	12	12 lbs
40320	C40320	16 fl oz / 473 mL	bottle	12	14 lbs
40330	C40330	1 gal / 3.78 L	bottle	4	34 lbs
40340	C40340	5 gal / 18.93 L	pail	1	43 lbs

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