

# TECHNICAL DATA SHEET



Product code: 8052

Sector: Industrial

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## Millcool Cu FF

A versatile semi synthetic, formaldehyde free, watermix fluid specifically designed for the arduous machining of tough ferrous and non-ferrous alloys.

Millcool CU FF is a medium oil content product and uses a unique combination of chlorine free lubricity additives to give superb machining performance.

Designed to be non-staining when used to machine copper alloys.

### Application

Suitable for ferrous alloy and Aluminium alloy

Machining Operations	Recommended Dilutions
Turning, Milling & Drilling	4-6%
Tapping & Threading	5-7%

### Features & Benefits

- Forms a stable milky emulsion even in hard water up to 400ppm CaCO<sub>3</sub>.
- Excellent foam control in soft water.
- Good inhibition against corrosion on a wide range of ferrous and non-ferrous metals.
- This product is nitrite, phenol and chlorine free providing good operator acceptability whilst still providing excellent emulsion stability.

### Typical Characteristics

Emulsion appearance	Tight milky emulsion
pH at 5% in distilled water	9.1
Corrosion break point, IP287, %	2.0
Refractometer correction factor	1.0

### Technical & Health and Safety

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