



## ECOCOOL 68 CF2

**A low mineral oil water miscible cutting fluid.**

### Description

**Ecocool 68 CF2** is a low mineral oil water miscible cutting fluid containing selected chlorine free EP additives.

**Ecocool 68 CF2** is microbiocide free.

**Ecocool 68 CF2** produces a long-life, stable and finely dispersed blue opalescent emulsion when mixed with water.

### Benefits

- High emulsion stability – which offers greater economy resulting from lower replacement costs
- Good cooling and lubrication – due to excellent wetting properties and the use of highly effective EP additives results in less tool wear, greater accuracy and considerably longer tool life
- High microbiological resistance – resulting in significant biocide cost savings
- Excellent corrosion protection – enabling greater dilution and therefore lower cutting fluid consumption
- Low foaming
- Extraordinary pH stability – resulting from its long-lasting buffer components giving longer emulsion life, greater protection against corrosion and less cutting fluid consumption
- Wide range of applications – suitable for use in individually filled machines as well as in central systems with which ferrous metals are machined
- Does not attack machine finishes (complies to VDI 3035)
- Workshop hygiene – Ecocool 68 CF2 is nitrite and PTBB free. The biocidal effectiveness of the substances contained in Ecocool 68 CF2 avoids the uncontrolled growth of bacteria, yeasts and fungi and therefore reduces the microbiological hazards for personnel.

### Application

- Normal machining operations 3 – 5%
- Difficult machining operations up to 10%
- Grinding 2 – 3%

### Characteristics

Property	Unit	Value	Test Method
Appearance		CLEAR BLUE	Visual
Density @ 15°C	kg/L	0.999	ASTM D4052
pH		9.4 (10% soln)	DIN 51 369
Appearance		White powder	Visual
Melting point	°C	140	FLP*