

## Product Information

### Water Soluble Cutting Fluid

## FRIGOMET BF 600

is a transparent high performance product free of oil. The product is suitable for standard to medium machining applications (e.g. turning, drilling and milling) with steel and non-ferrous metals. Its excellent flushing and wetting performance provides an efficient removal of chips and swarf. This qualifies the product especially for high performance grinding operations.

### Benefits:

- Transparent fluid, free of mineral and synthetic oil
- Free from boron and formaldehyde
- Suitable for grinding and cutting of steel, cast iron, non-ferrous metal and grinding of aluminum alloys
- Excellent flushing and wetting action, high swarf transportation and cooling efficiency
- High stability and long sump life
- Good run off ensures low consumption
- Excellent tramp oil separation and thus easy maintenance
- Good corrosion protection

### Data of the Product (Water-Mixed):

Determination	Method	Unit	Value
pH-Value 5.0%	ASTM D 1287	---	9.4
Corrosion test		[w/w] - S0/R0	4.0
Corrosion test	ASTM D 4627-92	[w/w] - K0	4.0

### Data of the Product (Concentrate):

Determination	Method	Unit	Value
Density, 68°F	ASTM D 1298	[kg/m <sup>3</sup> ]	1052
Kin. viscosity, 104°F	ASTM D 445	[mm <sup>2</sup> /s]	6

### Recommended concentration (depending on application and conditions):

4 – 8%

### Factors (other factors on request):

Refractometer: 2.0%/°Bx

Testkit: 4.8%/ml

### Shelf Life/ Storage Conditions:

12 months under ambient storage conditions. The product may become discolored during storage. This does not influence the quality of the concentrate or mixed solution.

### Industrial Health and Safety - Environmental Protection:

For more details about health and safety please read the information on the safety data sheet.

### Disposal:

In compliance with the local waste regulations